



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

1. Aircraft	Nationality and Registration Mark N711NV	Serial No. 550	
	Make CESSNA	Model 550-0557	Series
2. Owner	Name (As shown on registration certificate) NEVADA DEPT. OF TRANSPORTATION	Address (As shown on registration certificate) Address 1263 SO STEWART ST City CARSON CITY State NV Zip 89712 Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<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 Executive AutoPilots		<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 5839 Freeport Blvd.		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City Sacramento State CA		<input checked="" type="checkbox"/> Certificated Repair Station	E5VR306N
Zip 95822 Country USA		<input type="checkbox"/> Certificated Maintenance Organization	RAD-1, L-RAD, L-INS, L-AF

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 Andrey Kalchenko <i>Andrey K</i> 10/14/19
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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	Person Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. E5VR306N	Signature/Date of Authorized Individual Andrey Kalchenko <i>Andrey K</i> 10/14/19
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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.)

N711NV

10/08/2019

Nationality and Registration Mark

Date

Hobbs: 3492.4

The purpose of this alteration is to install RVSM capable Garmin G700 PFD/MFD system. System and components were installed per Jettech STC ST01897WI, IAW Jettech Master Document List No. MDL2704-34251, Rev IR dated February 12, 2019.

Removed:

PFD/MFD (3)	PN: 9D-84095-1	Controller	PN: 4026206-924	Vertical Gyro	PN: 70006229-901
RNCU	PN: 9B-81111-1	RNCU	PN: 9B-81111-1	EDCU	PN: 9B-84097-1
EDCU	PN: 9B-84097-1	VG-14A VG	PN: 70006229-901	C-14D DG (2)	PN: 4020577-3
Baro Altimeter	PN: 70251N02D04	Attitude Gyro	PN: 4300-414	Airspeed	PN: C661063-0103
Altimeter	PN: C661022-0101EX	Compensator	PN: 2593379-001		

Installed:

Garmin GDU-1060 (2)	PN: 011-03308-00	Jettech ADC602	PN: 602-4000-01
Garmin GRS-79 (2)	PN: 011-03732-00	Jettech CD125 Mach Indicator	PN: 7000125-903
Garmin GTP-59 (2)	PN: 011-00978-00	Jettech Autopilot Annum.	PN: 101-2000-010
Garmin GDC7400 GDC (2)	PN: 011-02337-01	Mid-Co MD-302	PN: 6420302-1
Garmin GRS-79 AHRS (2)	PN: 011-03732-00	Garmin GAD43E	PN: 011-02349-00
Garmin GMU44 Mag(2)	PN: 011-00870-10/20	Panel	PN: Fabricated locally

Installed dual G700TXi system on pilot and copilot sides. The G700TXi is interfaced to the newly installed GTN750#1/2 for GPS and NAV using HSDB. The G700TXi is interfaced to the existing Sperry autopilot for Attitude, Heading, Course, and Navigation information and Copilot's GDU1060. The G700TXi is interfaced to newly installed GMA35C for audio alerts and Marker Lights Display. The G700TXi is interfaced to the newly installed GAD43e for Autopilot interface. The pilot's GDU1060 is installed in the pilot's panel and the copilot's GDU1060 is installed on the copilot's panel. The GMU44's are installed in the horizontal stabilizer using existing mounting brackets. Used MFG supplied mounting plates and fabricated holder. The HSDB is interfaced for data communication of G1060TXi (both), GTN750 #1 and GTN750 #2, #1 GTX345R, GDL69A and GWX75 Radar. Installed a GAD43e autopilot adapter. The GAD43E is installed in the nose radio bay on existing avionics shelf. The GAD43E is interfaced as attitude source replacement for the autopilot.

Installed MD302 in the center panel as a backup standby instrument. The ESI is interfaced to the G700TXi for HDG/ALT (airdata) using 429.

Installed CD-125 Airdata/Mach display, Jettech FD/AP annunciator, and Jettech AIR (ADC 602). The CD-125 is mounted in the center radio panel above the GTN750#2. JetTech FD/AP Annunciator located in the pilot's panel above the TXi. JetTech AIU (ADC 602) is located in the nose radio compartment on existing shelf.

An altitude correlation check was completed IAW FAR 43 Appendix E. and Jettech document GTP2704-34252 Rev IR April 25 1018

Computed new weight and balance and revised equipment list.

Electrical loading is IAW AC 43.13-2B Chapter 2, Par. 208; maximum continuous electrical load does not exceed 80% of the capacity of the alternator.

In accordance with installation manual a complete ground functional test was completed and the equipment performed satisfactorily and did not adversely affect existing components or systems in the aircraft.

An FAA approved Jettech Flight Manual Supplement #FMS2704-34251-2 Rev IR dated February 12, 2019 (or later revision), was prepared and placed in the aircraft.

A Garmin G700TXi Pilot's guide #190-01717-10 Rev. H dated April 30, 2019 (or later revision) was placed in the aircraft and must be available to the flight crew whenever navigation is predicated on the use of the system.

A MidContinent MD302 Pilot's guide #9017846 Rev. H dated April 11, 2019 (or later revision) was placed in the aircraft and must be available to the flight crew whenever navigation is predicated on the use of the system.

For continued air worthiness inspection, reference Jettech Instructions for Continued Airworthiness # ICA2704-34252 dated November 10, 2018 or later revision.

☐ Additional Sheets Are Attached



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

Form Approved
OMB No. 2120-0020
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INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Nationality and Registration Mark N711NV	Serial No. 550	
	Make CESSNA	Model 550-0557	Series
2. Owner	Name (As shown on registration certificate) NEVADA DEPT. OF TRANSPORTATION	Address (As shown on registration certificate) Address 1263 SO STEWART ST City CARSON CITY State NV Zip 89712 Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<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 Executive AutoPilots	Address 5839 Freeport Blvd. City Sacramento State CA Zip 95822 Country USA	<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
		<input checked="" type="checkbox"/> Certificated Repair Station	E5VR306N
		<input type="checkbox"/> Certificated Maintenance Organization	RAD-1, L-RAD, L-INS, L-AF

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 Andrey Kalchenko <i>Andrey R</i> 10/14/19
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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	Person Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. E5VR306N		Signature/Date of Authorized Individual Andrey Kalchenko <i>Andrey R</i> 10/14/19		

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.)

N711NV

10/08/2019

Nationality and Registration Mark

Date

Hobbs: 3492.4

The purpose of this alteration is to install a new Garmin dual GTN750 GPS, GTX335/345R transponder, GMA35C audio panel, GDL69A SXM weather, GWX75 radar and Flightstream510 installed IAW Jettech Master Document List No. JTECH-WAAS-0001, Rev IR dated March 02, 2017 and per Jettech STC ST02427LA

Removed:

TDR-90 XPDR RT (2)	PN:622-1270-001	VHF-22A Com Radio (2)	PN: 622-6152-001	DME-42	PN: 622-6263-001
VIR-32 Nav Radio (2)	PN: 622-6137-001	CTL-22 Com Controller (2)	PN: 622-6520-005	Audio Controller	PN: 5640-1
CTL-92 XPDR Controller	PN: 622-6523-005	CTL-32 (2) Nav Control	PN: 622-6521-013	ADF-60	PN: 622-2362-011
CAD-62 Control Adapter(2)	PN: 622-6590-001	TCAS Controller	PN: 071-01568-08	Radar	PN: 071-01519-0101
CM2000 Config Module	PN: 071-00097-0100	XM Data Receiver	PN: XMD075-01	Chart Server Unit	PN: 9B-87006-1
UNS CPU	PN: 1018-2-113	NCU	PN: 3116-42-1116	LP/LPV Monitor	PN: 3116-52-1110

Installed:

Garmin	GTN750 GPS/NAV/COM (2)	PN: 011-02282-50	Garmin	GMA35C Audio Panel	PN: 011-02299-40
Garmin	GTX345 #1 Transponder	PN: 011-03303-00	Garmin	GTX335 #2 Transponder	PN: 011-03301-00
Garmin	GDL69A SXM Weather	PN: 010-01294-11	Garmin	GWX75 Radar	PN: 010-01590-00
Garmin	GAD42 Adapter	PN: 011-00417-10	Garmin	GA-35 GPS Antenna	PN: 013-00235-00
Garmin	Flightstream510	PN:010-01322-01	Honeywell	M1090 Summing Amp	PN: 990-3138-000

Installed dual GTN750. Used existing GPS and Nav antennas. Vor/GS coupler is mounted to the top of the GTN#2. The HSDB is interfaced for data communication of dual G600TXi, dual GTN750, GTX335/345R, GDL69A and GWX75 Radar. The GTN#1 is interfaced to the newly installed GMA-35C for audio control. The GTNs are interfaced to the newly installed G700TXi for GPS and navigation display and for ADC function. The GTN is interfaced to the existing DME 40 for channeling by 2X5.

Installed GTX335/345R transponders in the nose radio compartment. XPDR receives airdata from G700TXi system. GTN provides control and ADS-B data to the transponders. GTNs are providing control to transponders. GTN750 receives ADS-B traffic and weather from GTX345R.

The GMA35C is located on the top of the GTN750#1. The GMA is interfaced to the #1 GTN750 for display and control. The GMA is interfaced to the GTNs for Com, Nav and alert audio. The GMA is interfaced to the GDL69A for Music The GMA is interfaced to the G700TXi for alert audio. The GMA is configured as a 2 place intercom. (Pilot and Copilot) with cabin Hailer.

GDL 69A is installed in the nose radio compartment. XM weather is provided to G700TXi system and GTN750 display. Used existing antenna. Ran New RG400 coax from GDL69A to Antenna.

Installed GWX75 Radar in the nose radome. The GWX is interfaced via HSDB for control and display on G700TXis and GTNs screens.

An altitude correlation check was completed IAW FAR 43 Appendix E. and Jettech document GTP2704-34252 Rev IR April 25 1018

Computed new weight and balance and revised equipment list.

Electrical loading is IAW AC 43.13-2B Chapter 2, Par. 208; maximum continuous electrical load does not exceed 80% of the capacity of the alternator.

In accordance with installation manual a complete ground functional test was completed and the equipment performed satisfactorily and did not adversely affect existing components or systems in the aircraft.

An FAA approved GTN750, Jettech Flight Manual Supplement #JTECH-WAAS-002 Rev C dated November 7, 2017 (or later revision), was prepared and placed in the aircraft Flight Manual.

The Garmin GTN750 Pilot's Guide PN 190-01007-03 Rev. R dated March 31, 2019 (or later revision) was placed in the aircraft and must be available to the flight crew whenever navigation is predicated on the use of the system. Refer to GTN750 Pilot's guide for Flightstream510, GMA35, GDL69A, GWX75, GTX345R, and GTX335R.

This GPS Installation is not to be used for navigation until a functional flight evaluation has been successfully accomplished to verify equipment accuracy.

For continued air worthiness inspection, reference Jettech Instructions for Continued Airworthiness # JTECH-WAAS-0003 dated March 29, 2010 or later revision.

END

A Functional Flight Evaluation was performed in accordance with AC 20.138D Par. 21-2 and found to be within limits.

ACCURACY TEST ACCOMPLISHED ON

11/13/17

BY:

[Signature]

CRS NO. E5VR306N

☐ 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
2/28/2011

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 N711NV	Serial No. 550-0557	
	Make Cessna	Model 550	Series
2. Owner	Name (As shown on registration certificate) Nevada Department of Transportation		Address (As shown on registration certificate)
			Address 1263 S. Stewart
			City Carson City State NV
			Zip 89712 Country United States


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	_____	(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 Straight Flight, Inc		<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 13251 E. Control Tower Road, K12		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City Englewood State Colorado		<input checked="" type="checkbox"/> Certificated Repair Station	OMKR399L
Zip 80112 Country United States		<input type="checkbox"/> Certificated Maintenance Organization	

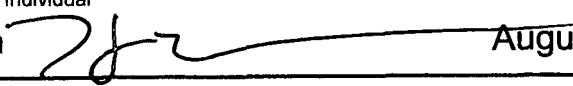
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and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

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual Harry M. Grinton  August 05, 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 ☒ 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	

Certificate or Designation No. IA2779177	Signature/Date of Authorized Individual Harry M. Grinton  August 05, 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.)

USA N771NV

August 05, 2018

Nationality and Registration Mark

Date

Straight Flight has accomplished the following repairs to the airframe:

1) Repaired RH Aft Fuselage Skin Splice at FS 262.02 in accordance with Straight Flight Inc Drawing# 9640-001 Rev. N/C, dated 08/29/2018 Engineering Substantiation Report# 9640-901 Rev. IR, dated 08/30/2018 which was approved by a FAA DER using form 8110-3, dated 08/31/2018.

- FAA Approved Airplane Flight Manual Supplement- No Flight Manual Supplement was issued.
- Instructions for Continued Airworthiness (ICA)- No ICA was issued.
- Change to Weight and Balance was negligible.
- Information on this repair is on file under Straight Flight's project number 9416.

*****END*****

Additional Sheets Are Attached



US Department
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Federal Aviation
Administration

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 N711NV	Serial No. 550-0557		
	Make CESSNA	Model 550	Series 550	
2. Owner	Name (As shown on registration certificate) NEVADA DEPT OF TRANSPORTATION		Address (As shown on registration certificate)	
			Address 1263 S. STEWART	
			City CARSON CITY	State NEVADA
			Zip 89712	Country USA

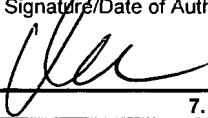
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	<u>CESSNA</u>	<i>(As described in Item 1 above)</i>	<u>550-0557</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 DANIEL HOBAN	Address 2323 P51 CT STE 200 City MINDEN State NEVADA Zip 89423 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	AP2670646
		<input type="checkbox"/> Certificated Maintenance Organization	

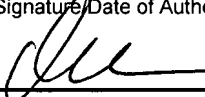
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and 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  DANIEL HOBAN 24 OCT 2016
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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	

Certificate or Designation No. 2670646IA	Signature/Date of Authorized Individual  DANIEL HOBAN 24 OCT 2016
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NOTICE

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8. Description of Work Accomplished

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N777NV

24 OCT 2016

Nationality and Registration Mark

Date

REMOVED MARATHON NICKEL CADMIUM MAIN AIRCRAFT BATTERY AND INSTALLED
SECURAPLANE TECHNOLOGIES P/N 9750W0370-11 24 VOLT 43 AMP HOUR MAIN AIRCRAFT
BATTERY IN ACCORDANCE WITH STC ST01471LA-D.
WEIGHT AND BALANCE NEGLIGABLE.

-----END-----



Additional Sheets Are Attached

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number ST01471LA-D

This Certificate issued to Securaplane Technologies
12350 N. Vistoso Park Road
Oro Valley, Arizona 85755

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations

Original Product Type Certificate Number: * See Attached FAA Approved Model List (AML)

Make: No. ST01471LA-D for list of approved model types

Model: and applicable airworthiness regulations

Description of Type Design Change Installation of Hawker PN 9750W0370 Series 24 volt 43 Amp-hour Sealed Lead Acid Battery in accordance with the Installation Instructions as listed on AML ST01471LA-D Revision NC dated April 19, 2004 or later FAA approved revision.

Limitations and Conditions: This approval should not be incorporated on any certificated product of this model on which other approved modifications are incorporated, unless it is determined that the relationship between this change and any of those previously incorporated modifications will not introduce any adverse effect upon the airworthiness of the certificated product. A copy of this STC and AML ST01471LA-D must be included in the permanent record of the aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: October 13, 2003

Date reissued: October 6, 2004, March 31, 2014

Date of issuance: April 19, 2004

Date amended: April 28, 2004



By direction of the Administrator,

A handwritten signature in black ink, appearing to read "Alan J. Henscher", is written over a horizontal line.

(Signature)

Manager, Systems and Equipment Branch,
Los Angeles Aircraft Certification Office

(Title)

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



US Department
of Transportation
Federal Aviation
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MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
2/28/2011

Electronic Tracking Number

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1. Aircraft	Nationality and Registration Mark N711NV	Serial No. 550-0557	
	Make Cessna	Model 550	Series 550
2. Owner	Name (As shown on registration certificate) Nevada Department of Transportation	Address (As shown on registration certificate) Address 1263 So. Stewart City Carson City State NV Zip 89712 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		(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 Sacramento Citation Service Center		<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 5850 Citation Way		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City Sacramento State CA		<input checked="" type="checkbox"/> Certificated Repair Station	
Zip 95837 Country USA		<input type="checkbox"/> Certificated Maintenance Organization	CNQ4918C

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 Edward F. Kissel 6/21/13
--	--

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. CNQ4918C	Signature/Date of Authorized Individual Joe Johnson 6/21/13
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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.)

N711NV

6/21/13

Nationality and Registration Mark

Date

Aircraft S/N: 550-0557

Aircraft Total Time: 10,513.5

This FAA Form 337 is to document the activation of the LPV approach function on the UNS-1Lw Flight Management System IAW Cessna Aircraft Company Modification Order CI00550-615 Revision N/C per STC No. ST03240NY. The UNS-1Lw FMS was previously installed under field approval on FAA Form 337 dated 1/10/2010 with provisions for LPV.

Incorporated STC Flight Manual Supplement FM90956 into the AFM.

Weight and balance change is considered negligible.

Instructions for Continuous Airworthiness are contained within Universal UNS-1Lw FMS ICA document CMR-560-362 Rev. B.

Test flight evaluation per CMR-560-369 performed on: 11-4-2013 by *Richard Steuben* for Sacramento Citation Service Center CRS# CNQ4918C.

----- END -----

☒ Additional Sheets Are Attached

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

IMPORT

Number ST03240NY

This certificate issued to

Amtech Aeronautical Limited
P. O. Box 1404
Medicine Hat, Alberta
Canada T1A 7N3

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number: A22CE

Make: Cessna Aircraft Company

Model: 500, 550, 560, S550

Description of Type Design Change:

Installation of Universal UNS-1Lw Flight Management System in accordance with Cessna Installation Instructions CMR-560-364, Revision B, dated April 13, 2010, Transport Canada approved July 8, 2011, or later Transport Canada approved revision.

Limitations and Conditions:

1. Operation must be in accordance with Cessna Airplane Flight Manual Supplement FM90956, Revision C, Transport Canada approved January 14, 2013, or later Transport Canada approved revision.
2. Maintenance must be in accordance with Cessna Instructions for Continued Airworthiness CMR-560-362, Revision B, dated December 23, 2010, or later Transport Canada accepted revision.
3. The IS&S Flat Panel Display System Installation provided under STC ST02739NY is required.
4. The installer must determine whether this design change is compatible with previously approved modifications.
5. If the holder agrees to permit another person to use the certificate to alter the product, the holder must give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 26, 2011

Date reissued:

Date of issuance: January 24, 2013

Date amended:

By direction of the Administrator



(Signature)

Gaetano Sciortino
Manager
New York Aircraft Certification Office

(Title)

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



US 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 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	Serial No.		
	N711NV	550-0557		
	Make	Model	Series	
	CESSNA	550	550	
2. Owner	Name (As shown on registration certificate)		Address (As shown on registration certificate)	
			Address 1263 So. Stewart	
			City Carson City	State NV
	NEVADA DEPARTMENT OF TRANSPORTATION		Zip 89712	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		(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 Cessna Aircraft Company		U. S. Certified Mechanic	Manufacturer
Address 5850 Citation Way		Foreign Certified Mechanic	C. Certificate No.
City Sacramento State CA		<input checked="" type="checkbox"/> Certified Repair Station	
Zip 95837 Country USA		Certificated Maintenance Organization	CNQ4918C

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
	Jeff Weiss 12/13/2012

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 <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No.	Signature/Date of Authorized Individual
CNQ4918C	Joe Johnson 12/13/2012

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.)

N711NV

12/13/2012

Nationality and Registration Mark

Date

Aircraft S/N: 550-0557

Aircraft TTSN: 10,461.4

Aircraft TCSN: 11,380

Completion of this FAA Form 337 is to document the repair of the fuselage lower skin at approximately Fuselage Station 158.0, lower LBL 7.5 due to scratch. Fuselage skin was repaired by trimming scratched portion of skin panel, fabricating an internal filler and an external doubler. Repair was performed IAW the Cessna Citation 500 Series Structural Repair Manual chapter 51-30-03 and the Strong Aero Engineering Lower Skin Repair Design & Installation DWG No. N711NV-112612-1 REV N/C per FAA Form 8110-3 dated 11/26/12.

Aircraft weight and balance change was negligible.

Instructions for Continued Airworthiness requires a High Frequency Eddy Current inspection of the repair doubler installation per the Strong Aero Engineering Airplane Maintenance Manual Supplement for Continued Airworthiness N711NV-ICAW-112612, Rev IR dated, November 26, 2012, with initial inspection due at 21,380 aircraft landings, and every 10,000 landings thereafter.

☒ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			DATE 11/26/12
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE CESSNA	MODEL NO. 550	TYPE (Aircraft, Engine, Propeller, etc.) AIRPLANE	NAME OF APPLICANT SACRAMENTO CITATION SERVICE CNTR
LIST OF DATA			
IDENTIFICATION	TITLE		
N711NV-112612-1 REV N/C 11/26/12 N711NV-DT01 REV N/C 11/26/12	"LOWER SKIN DAMAGE REPAIR DESIGN & INSTALLATION" "DAMAGE TOLERANCE ANALYSIS FOR THE CESSNA 550 LOWER SKIN DAMAGE REPAIR " <div style="margin-top: 20px;"> <p><u>Notes:</u></p> <p>This approval is for engineering design data only. It indicates the data listed below demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as 'APPLICABLE REQUIREMENTS'. This form does constitute FAA approval of all the engineering data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair. Structural aspects are approved.</p> <p>The Lower Skin Damage Repair requires a Threshold Inspection and Repeat Inspections. These inspection limitations shall be provided by way of the Airplane Maintenance Manual Supplement for Continued Airworthiness, Report Ref; N711NV-ICAW-112612, Rev IR, 11/26/12</p> </div>		
PURPOSE OF DATA IN SUPPORT OF A MAJOR ALTERATION TO SHOW COMPLIANCE WITH THE FOLLOWING REGULATIONS FOR ONE AIRCRAFT ONLY; S/N <u>550-055Z</u> , T/N <u>N711NV</u>			
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR Part 25.301(a)(b), Amdt 25-23; 25.303, Amdt 25-23; 25.305(a), Amdt 25-86; 25.307(a), Amdt 25-72; 25.365(a)(b)(d), Amdt 25-87; 25.571(a)(b), Amdt 25-96; 25.601, Amdt 25-0; 25.603(a)(b)(c), Amdt 25-46; 25.605(a), Amdt 25-46; 25.607(a), Amdt 25-23; 25.609(a), Amdt 25-0; 25.613(a)(b)(c), Amdt 25-112; 25.625(a)(b), Amdt 25-72			
CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under 14 CFR Part 183, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <input type="checkbox"/> Recommend approval of these data <input checked="" type="checkbox"/> Approve these data </div> <div> I (We) Therefore </div> </div>			
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		DESIGNATION NUMBER(S)	CLASSIFICATION(S)
TREVOR J. STRONG 		DERT-605818-NM	STRUCTURES



US 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 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	Serial No.	
	N711NV	550-0557	
2. Owner	Make	Model	Series
	CESSNA	550	500
2. Owner	Name (As shown on registration certificate)	Address (As shown on registration certificate)	
	Nevada Department of Transportation	Address 1263 So. Stewart	
		City Carson City State NV	
		Zip 89712 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		(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 Cessna Aircraft Company		U. S. Certificated Mechanic	Manufacturer
Address 5850 Citation Way		Foreign Certificated Mechanic	C. Certificate No.
City Sacramento State CA		<input checked="" type="checkbox"/> Certificated Repair Station	CNQ4918C
Zip 95837 Country USA		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 Darrin Newkirk 8/26/2011
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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 <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CNQ4918C	Signature/Date of Authorized Individual Joe Johnson 8/26/2011
--	--

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.)

N711NV

Nationality and Registration Mark

8/26/2011

Date

TTSN: 9977.7

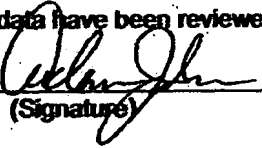
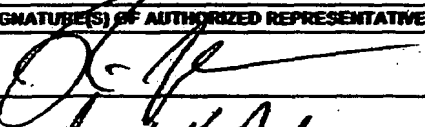

TCSN: 10,873

Completion of this form is to document the repair to the L/H windshield canted frame (P/N 5511170-3) and R/H windshield canted frame (P/N 5511170-4), due to drill runs. This repair was performed by fabricating and installing repair doublers for the 5511170-3 & -4 channels and splices for the 5511016-47 & -48 stringers, with NDT inspection for cracks and material thickness (complied with by CTC FAA Repair Station A1JR248N). Repair was performed IAW the Cessna Citation 500 Series Structural Repair Manual, chapter 51-30-03 and the Cessna Aircraft Company Structures Repair Definition S-55-0557/02RD per FAA Form 8100-9 dated, 8/23/2011.

Aircraft weight and balance change was negligible.

Instructions for continued airworthiness remain unchanged and area is to be inspected during normal inspection interval.

☒ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			FAA Project No. N/A
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE <div style="text-align: center;">Cessna</div>	MODEL NO. <div style="text-align: center;">550</div>	TYPE (Aircraft, Engine, Propeller, etc.) <div style="text-align: center;">Airplane</div>	NAME OF APPLICANT/AUTHORIZATION Cessna Aircraft Company Wichita, Kansas ODA-100129-CE
LIST OF DATA			
IDENTIFICATION Repair Definition S-550-0557/02RD N/C	<div> Notes: <ol style="list-style-type: none"> Cessna Aircraft Company Organizational Delegation Authorization approves this data. This constitutes FAA approval of the data listed. Approval is for design data only and is not installation approval. Reference Repair Definition file folder 550-0557/02 in the Structures group files. Compatibility of this data with the aircraft configuration must be determined by the installer. Compliance with the Federal Aviation regulations listed on this FAA form 8100-9 is provided in support of a foreign-registered aircraft. Acceptance of these findings is at the discretion of the civil aviation authority of the State of Registry. </div> <div style="margin-top: 20px;"> REPAIR OF DAMAGE TO THE RH AND LH WINDSHIELD CANTED FRAMES </div> <div style="margin-top: 20px;"> These data have been reviewed by TC ODA Apprentice UM Adam Jahn. <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  (Signature) </div> <div style="text-align: center;"> 8/23/2011 (Date) </div> </div> </div>		
PURPOSE OF DATA To approve listed data in support of a Major Repair of drill start damage on the LH Channel (P/N 5511170-3) and RH Channel (P/N 5511170-4) at FS135, WL 153, BL 9-12, on aircraft S/N 550-0557, registration number N711NV.			
APPLICABLE REQUIREMENTS (List specific sections) 1) 14 CFR Part 25.301, 25.303, 25.305(a)(b), 25.307(a), 25.365(a)(b)(d), 25.601, 25.603, 25.605, 25.609, 25.613(a)(b)(c) as amended by Amendments 25-1 through 25-17. 2) 14 CFR Part 25.571(c) as amended by Amendments 25-1 through 25-17.			
CERTIFICATION – As directed by the Administrator and in accordance with conditions and limitations of authorization under 14 CFR, data listed above and on attached sheets numbered <u>N/A</u> have been examined in accordance with established procedures and found to comply with applicable requirements of the Airworthiness Standards listed.			
I-(We) Therefore <input type="checkbox"/> Recommend approval of these data <input checked="" type="checkbox"/> Approve these data			
SIGNATURE(S) OF AUTHORIZED REPRESENTATIVE(S)	NAME	CLASSIFICATION(S)	DATE
1) 	Robert J. Lamberger	Structures	8/23/2011
2) 	David K. Nelson	Structures	8/23/2011



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

1. Aircraft	Nationality and Registration Mark N711NV	Serial No. 550-0557	
	Make CESSNA	Model 550	Series 500
2. Owner	Name (As shown on registration certificate) NEVADA DEPARTMENT OF TRANSPORTATION	Address (As shown on registration certificate) Address 2163 SO STEWART City CARSON CITY State NV Zip 89712 Country USA	

3. For FAA Use Only

The data identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in 14 CFR part 43, section 43.7

9/10/2010
Date

Michael D. O'Kane
Michael D. O'Kane, Principal Avionics Inspector

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<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 CESSNA AIRCRAFT COMPANY		<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 5850 CITATION WAY		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City SACRAMENTO State CA		<input checked="" type="checkbox"/> Certificated Repair Station	CNQ4918C
Zip 95837 Country USA		<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 Roger L Searls <i>Roger L Searls</i> 9/10/2010
--	---

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	Person Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CNQ4918C	Signature/Date of Authorized Individual JOE JOHNSON <i>Joe Johnson</i> 9/10/2010
---	---

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.)

N711NV

09-10-2010

Nationality and Registration Mark

Date

Aircraft serial number: 550-0557

Aircraft total time: 9632.5 hrs

This is to document an alteration to the existing Universal Avionics Systems Corporation UNS-1Lw FMS to be displayed on the Adviz Display System (IS&S). The UNS-1Lw was previously installed with provisions for LP/LPV (Localizer Performance with Vertical Guidance), STC certification for LPV capability will be accomplished at a future date. The original installation was on FAA form 337, dated 1/10/2010, and was a "FOLLOW ON" to STC ST02693CH.

This UNS-1Lw amended installation consists of removing pilot and copilot FMS annunciators, annunciator diode module and annunciator relay module. The Adviz Display System now displays these annunciator functions, The Uns1-Lw wiring has been reconfigured per new cable assembly drawing.

The LPV cross channel monitoring will be disabled prior to departure through configuration due to pending certification of this capability, the LPV monitor unit will remain in the aircraft.

The UNS-1Lw System was reconfigured with the following publications and documents referenced for this installation:

The Universal Avionics Systems Corporation UNS-1Lw Flight Management System Installation Manual, No. 34-60-52rev1, dated 1 October 2007. Cessna Aircraft Company drawing Modification Order # CI00550-590. Cable Kit # CK55590-1 and CA23546-1 wiring modification. FAA Advisory Circular AC 20-138A. Cessna Citation 550 Maintenance Manual Chapter 20 Standard Practices for electrical and airframe.

The following equipment was removed at the location listed:

REMOVED COMPONENTS	PART NUMBER	TSO	LOCATION
Diode Card SA24 (SANDIE AEROSPACE)	305003-01	PMA	F.S. 136.37
Diode Card Case (SANDIE AREOSPACE)	305146-00	PMA	F.S. 136.37
Nav/Hsi 2 Switching Relay Box	AIS 240-35	PMA	F.S. 136.37

A new FAA approved Universal Avionics UNS-1Lw Flight Management System Flight Manual Supplement FM 91000, dated 9/03/2010, must be readily available to the crew during system operation.

The UNS-1Lw Operators Manual Report No. 2432sv1000/1100 rev. N/C, dated 29 Aug 2007 or later applicable revision must be accessible to the crew during system operation.

Completed ground operational tests with satisfactory results in accordance with the manufacturers installation manual check out procedures and CMR-560-365 (Cessna UNS-1Lw ground test plan) with no adverse affects to existing components of this system or other systems in the aircraft.

Completed EMI/RFI (EMC) interference checks per CMR-S550-132 with no interefence noted.

The Equipment List, wiring diagrams (CK55590-1) and Weight & Balance data were revised at installation.

Electrical load analysis was performed and found that the loads do not exceed 80% of the generators maximum continuous operating capacity per approved Flight Manual.

Instructions for Continued Airworthiness requires visual inspection and operation test in accordance with the manufacturers recommendation, every Phase 5 Inspection (36 calendar months or 1200 hours, whichever occurs first). Damage tolerance analysis requirements of initial inspection at 14250 cycles (15675 hours) and recurring inspections at 7125 cycles (7838 hours) must be included in the continued airworthiness inspection requirements of the operators maintenance manual for the GPS/WAAS Satellite antenna installation. The inspections must be conducted using the attached eddy current NDI technique. The antenna must be removed for the inspection. Defects must be repaired immediately according to FAA approved repair procedures.

This installation is of the UNS-1Lw is not approved for navigation until a functional flight evaluation has been successfully accomplished to verify accuracy. LPV is not activated.

-----END-----

FUNCTIONAL FLIGHT EVALUALATION PER CMR-560-369 PERFORMED ON 17 SEPT 2010 BY [Signature]
FOR SACRAMENTO CITATION SERVICE CENTER CRS # CNQ4918C

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

1. Aircraft	Nationality and Registration Mark N711NV	Serial No. 550-0557		
	Make CESSNA	Model 550	Series 500	
2. Owner	Name (As shown on registration certificate) NEVADA DEPARTMENT OF TRANSPORTATION		Address (As shown on registration certificate)	
			Address 2163 SO STEWART	
			City CARSON CITY	State NV
			Zip 89712	Country USA

3. For FAA Use Only

The data identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in 14 CFR part 43, section 43.7

10/06/2010
Date

Michael D. O'Kane
Michael D. O'Kane, Principal Avionics Inspector

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<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 CESSNA AIRCRAFT COMPANY		<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 5850 CITATION WAY		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City SACRAMENTO State CA		<input checked="" type="checkbox"/> Certificated Repair Station	CNQ4918C
Zip 95837 Country USA		<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 ROGER L. SEARLS <i>Roger L. Searls</i> 10/15/2010
--	--

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	Person Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. CNQ4918C		Signature/Date of Authorized Individual JOE JOHNSON <i>Joe Johnson</i> 10/15/2010		

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.)

N711NV

10-06-2010

Nationality and Registration Mark

Date

Aircraft Serial Number: 550-0557

Aircraft Total Time: 9632.5 hrs

This is an amendment to the Field Approved FAA Form 337 dated 9/10/2010 for the alteration of the UNS-1Lw FMS to be displayed on the Adviz Display System (IS&S). This amendment is to change the functional flight evaluation document from CMR-560-369 to CMR-560-245 Rev. B, and to document the completion of a functional flight evaluation to CMR-560-245. The change to CMR-560-245 removed all references to Localizer Performance with Vertical Guidance (LPV) and replaced those references with a Global Position System (GPS) functional flight evaluation. LPV remains deactivated.

Instructions for Continued Airworthiness remain the same as detailed on Form 337 dated 9/10/2010.

FUNCTIONAL FLIGHT EVALUATION PER CMR-560-245 PERFORMED DATE: 17 SEPT 2010

BY Roger I. Seale FOR SACRAMENTO CITATION SERVICE CENTER CRS # CNQ4918C

-----END-----

☐ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

DATE
22 December 2009

AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

MAKE Cessna	MODEL NO. 550	TYPE (Airplane, Radio, Helicopter, etc.) Airplane	NAME OF APPLICANT Cessna Aircraft Co. Wichita, KS
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LIST OF DATA

IDENTIFICATION	TITLE
Drawings:	
CI23134 Rev. Orig.	GPS/XM ANTENNA INSTL
CI23138 Rev. Orig.	GPS/WAAS 1 ANTENNA INSTL
CI23139 Rev. A	UNIVERSAL WAAS FMS EQUIPMENT INSTL
CI96278 Rev. A	UNIVERSAL FMS WAAS AFT BLKHD AVN F/T MOD
Reports:	
CI23134SA Rev. Orig.	STRUCTURAL ANALYSIS OF A GPS/XM ANTENNA INSTALLATION
CI23138SA Rev. Orig.	STRUCTURAL ANALYSIS OF A GPS/WAAS (1) ANTENNA INSTALLATION
CI23139SA Rev. Orig.	STRUCTURAL ANALYSIS OF A WAAS FMS EQUIPMENT INSTALLATION
CI96278SA Rev. Orig.	STRUCTURAL ANALYSIS OF AN AFT BULKHEAD FEED THROUGH MODIFICATION

PURPOSE OF DATA

In support of a major alteration for S/N 0557. This approval is for the engineering design data and is not an installation approval.

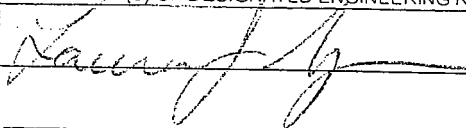
APPLICABLE REQUIREMENTS (List specific sections)

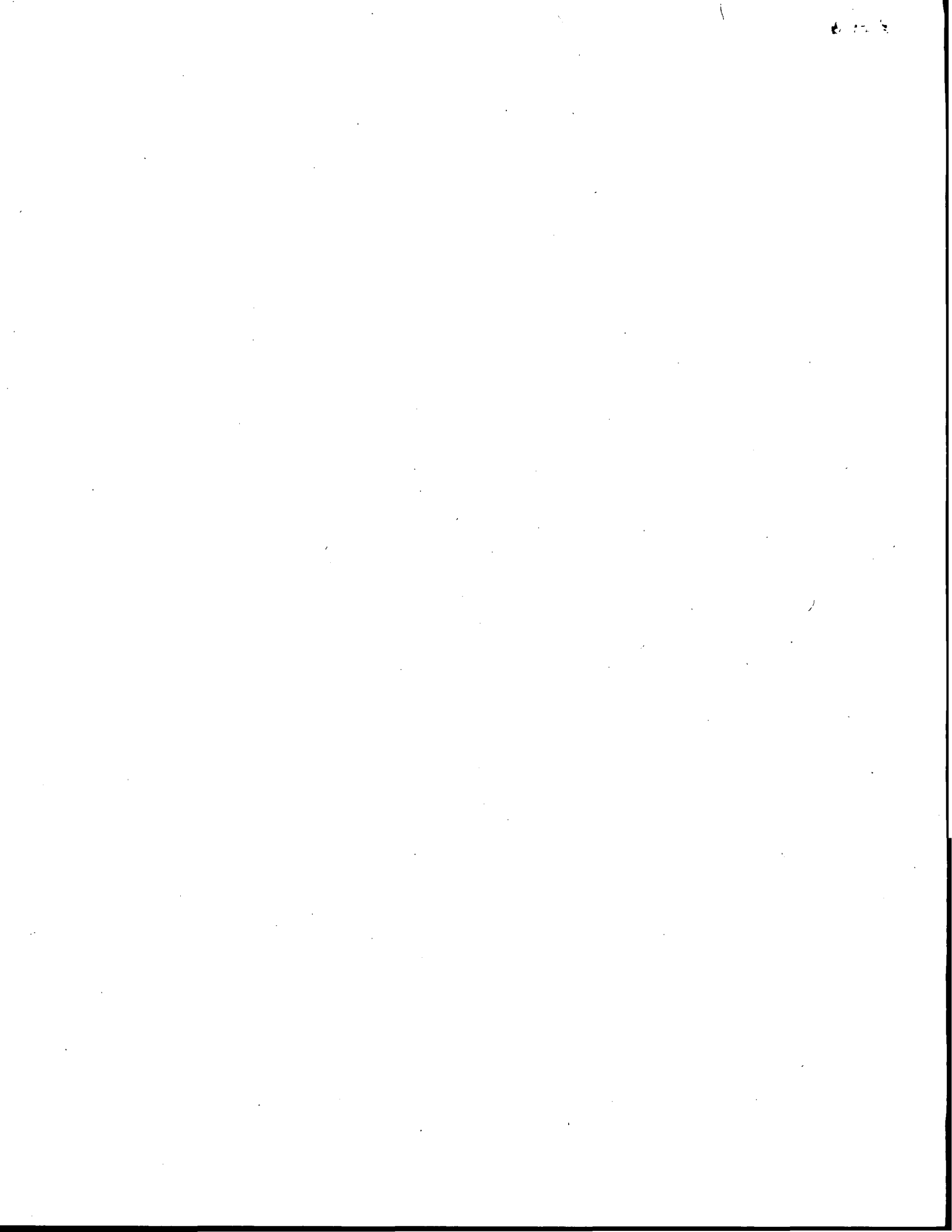
14 CFR Part 25 Sections 25.301(a)(b)(c) Amdt. 25-23, 25.303 Amdt. 25-23, 25.305(a)-(c)(e)(f) Amdt. 25-86, 25.307(a)(d) Amdt. 25-72, 25.321(a)-(d) Amdt. 25-86, 25.331(a)-(c) Amdt. 25-91, 25.365(a)-(e) Amdt. 25-87, 25.561(a)-(c) Amdt. 25-91, 25.571(a)-(d) Amdt. 25-96, 25.581(a)-(c) Amdt. 25-23, 25.601 No Amdt., 25.603(a)-(c) Amdt. 25-46, 25.605(a) Amdt. 25-46, 25.607(a)-(c) Amdt. 25-23, 25.609(a)(b) No Amdt., 25.611 Amdt. 25-23, 25.613(a)(c)(e)(f) Amdt. 25-112, 25.619(a)-(c) Amdt. 25-23, 25.625(a)-(c) Amdt. 25-72, 25.789 Amdt. 25-46

CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above ~~and associated documents~~ ~~have been examined~~ ~~in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.~~

I (WX) Therefore

- ☐ Recommend approval of these data
☒ Approve these data

SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)	DESIGNATION NUMBER(S)	CLASSIFICATION(S)
 Lauren J. Rezac	DERT-635774-CE	Structures





US 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 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 N711NV	Serial No. 550-0557	
	Make CESSNA - CITATION	Model 550	Series 500
2. Owner	Name (As shown on registration certificate) NEVADA DEPARTMENT OF TRANSPORTATION	Address (As shown on registration certificate) Address 1263 SO STEWART	
		City CARSON CITY State NV	Zip 89712 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	_____	(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 Cessna Aircraft Company		<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 5850 Citation Way		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City Sacramento State CA		<input checked="" type="checkbox"/> Certificated Repair Station	CNQ4918C
Zip 95837 Country USA		<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 Roger Searls, 9/10/2010
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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 <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CNQ4918C	Signature/Date of Authorized Individual Joe Johnson, 9/10/2010
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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.)

N711NV

9/8/2010

Nationality and Registration Mark

Date

S/N: 550-0557

TTSN: 9632.5

CYC: 10,515

IS&S AdViz Flat Panel Display System Installation, STC #ST02739NY with Minor Changes.

This is to document the installation of the Innovative Support & Solution (IS&S) Cessna AdViz Flat Panel Display System (FPDS), Honeywell Weather Radar, and XM Weather Receiver in accordance with STC #ST02739NY, Installation Configuration Top Drawing CA00017 Revision - , Cessna Master Drawing List Document No. CF90089, Revision C, and Cessna Modification Order CI00550-590, Revision A. Minor changes include: removing #2 ADF receiver, controller, circuit breaker, and leaving provisions for a #2 ADF installation IAW Cessna Drawing CA04019-8; removed KDR610 and installed XM Receiver on existing KDR610 mount IAW Cessna Drawing CA01251-1; added #2 vertical gyro in the left nose IAW Cessna Drawing 9619011.

Installed a new left forward feed-thru plate IAW Cessna Drawing CI96311-1. Installed the RNCU (P/N 9B-81111-1) and Relay (P/N CM3525-2) into the left forward nose baggage area IAW Cessna Drawings CI96305-1, CI54425-1, CI54424-1, and 9619011-11. Installed the XM Weather Receiver (P/N XMD075-1) under the cockpit floor IAW Cessna Drawing CI54402-1.

FAA Form 8110-3; dated 7/SEP/2010 is attached for the forward left Avionics Feed-thru Plate (Installation Drawing CI96311). In accordance with Structural Analysis Report CI96311SA, the Avionics Feed-thru Plate Modification requires an initial Eddy Current NDI at 2550 cycles (2805 flight hours) from installation and a recurring Eddy Current NDI every 2902 cycles (3192 flight hours) thereafter.

Completed Post Installation Checkout of the IS&S AdViz System IAW Cessna Document CMR-560-0331.
Completed Ground Test of the UNS-1Lw FMS IAW Cessna Document CMR 560-365.
Completed EMI/RFI Test IAW Cessna Document CMR-S550-132.
Completed Post Installation Test of KMH-880 IAW Bendix/King Manual 680-00029-0103.

The following supplements were installed into the Airplane Flight Manual:

FM90930 AdViz (EFIS)

FM91000 UNS-1Lw (FMS) - See FAA Form 337 Dated 9/10/2010

FM90999 KMH 880 (TAS/TAWS/IHAS) - See FAA Form 337 Dated 9/10/2010

Aircraft weighed - Weight & Balance and Equipment List updated IAW Cessna Document CMR-550-260.

Operational Check Flight for the UNS-1Lw FMS IAW Cessna Document CMR-560-245 completed:

Date 17 SEP 2010 By Ryan J. Pearl

Instructions for Continued Airworthiness (ICA's) are contained in Cessna Document CMR-560-259 and have been provided to the aircraft operator.

----- END -----

☒ Additional Sheets Are Attached

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number ST02739NY

This certificate issued to Cessna Aircraft Company, New York Citation Service Center
Stewart International Airport, 3 Express Drive
Newburgh, New York 12550

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified herein meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number: A22CE
Maker: Cessna Aircraft Company
Model: 500, 550, S550, 560

Description of Type Design Change:

Installation of an Innovative Support and Solution (IS&S) Flat Panel Display System (FPDS), Honeywell Weather Radar and optional XM Weather Receiver in accordance with Installation Configuration Top Drawing CA00017, Revision -, Dated 1/5/09 and Cessna Master Drawing List (MDL), Document No. CF90089, Revision C, Dated 10/8/09.

Limitations and Conditions:

1. This installation is limited to Cessna Model 500, units 0275-0689; Cessna Model 550, Units 0001-0733; Cessna Model S550, Units 0001-0160 and Cessna Model 560, Units 0001-0259.
2. Cessna Aircraft Company Instructions for Continued Airworthiness, Doc. No. CMR-550-259, Revision C, dated 9/30/09, is required for installations in Cessna Models 500 (Units 0275-0689), 550 (Units 0001-0626) and S550 (Units 0001-0160) aircraft.
3. Cessna Aircraft Company Instructions for Continued Airworthiness, Doc. No. CMR-560-298, Revision C, dated 9/30/09, is required for installations in Cessna Models 550 (Units 0627-0733) and 560 (Units 0001-0259) aircraft.
4. Cessna Aircraft Company Airplane Flight Manual Supplement, FM90930 Revision N/C, FAA approved on 10/13/09 is required for this installation.

(See Continuation Sheet 2 of 2)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 24, 2007

Date reissued:

Date of issuance: October 14, 2009

Date amended:



By direction of the Administrator

Anthony J. Sobias
(Signature)

Anthony Sobias
Manager
New York Aircraft Certification Office

(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____

(Number and street)

(City, State, and ZIP code)

from *(Name of grantor)* *(Print or type)*: _____

(Address of grantor): _____

(Number & street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number ST02739NY

Date of Issuance: October 14, 2009

Limitations and Conditions (Continued).

5. Aircraft utilizing this STC must have a Cessna installed Angle Of Attack (AOA) system.
6. Aircraft utilizing this STC must have installed a Reduced Vertical Separation Minimum (RVSM) Air Data Computer (ADC) system installed in accordance with Cessna Service Bulletin or an FAA approved RVSM STC utilizing IS&S equipment defined in Section 4 of Cessna MDL (document CF90089).
7. A list of approved interfacing equipment is listed Section 4 of this MDL.
8. An N2 speed limitation placard must be installed above the MFD in accordance with Cessna drawing C196274-1, Rev -, dated 10/8/2009.
9. The installer must determine whether this design change is compatible with previously approved modifications.
10. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

Certification Basis:

The certification basis for the changed Cessna 500, 550, S550 and 560 series aircraft as described in this certificate is as follows:

- a. The type certification basis for the Cessna 500, 550, S550 and 560 series airplanes is shown on TCDS A22CE for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, August 24, 2007, is as shown on Type Certificate Data Sheet A22CE. In addition, the holder of this certificate has complied with 14 CFR Part 25 as amended by Amendment 25-122.

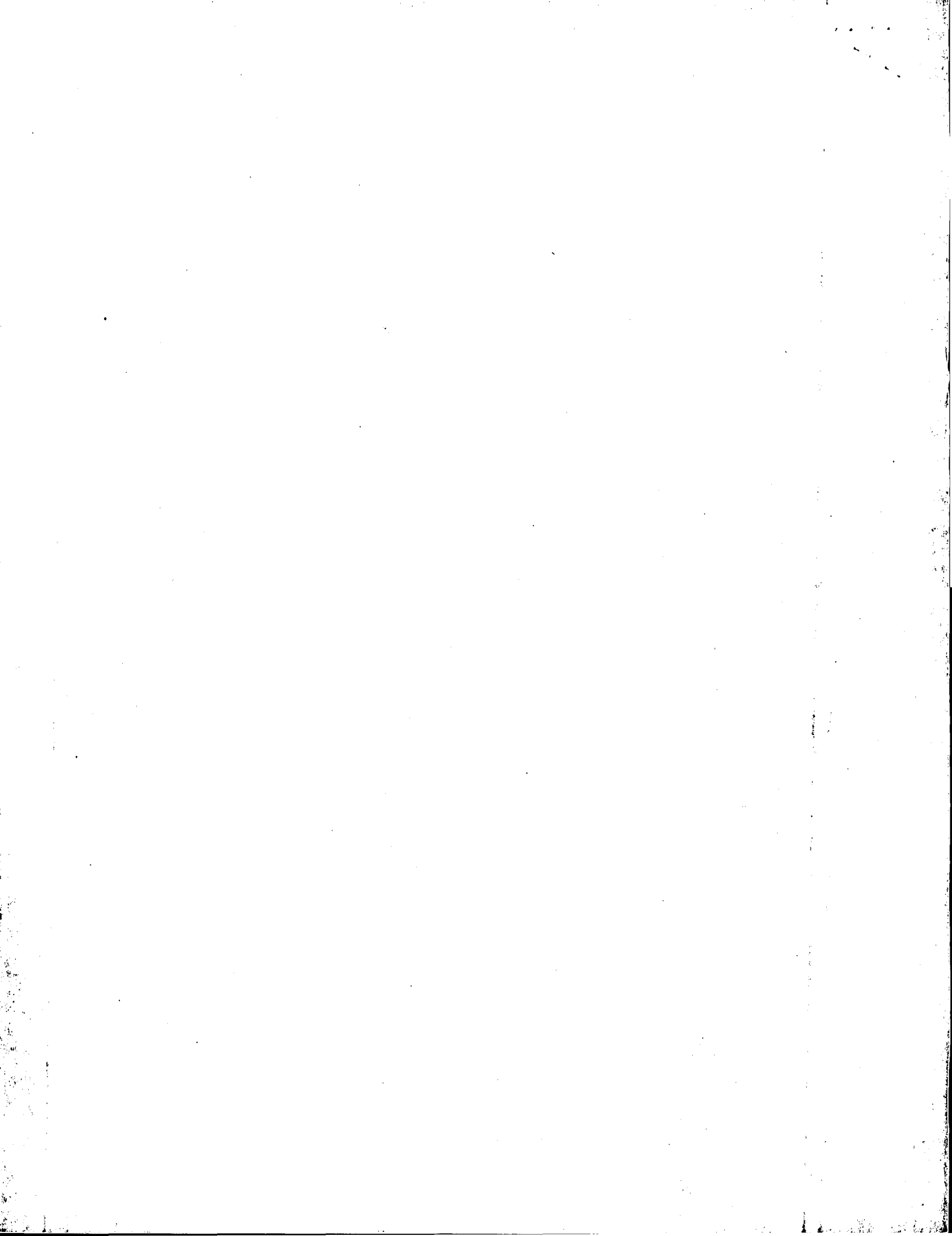
The following lists the Federal Aviation Regulations complied with through Amendment Level 25-122

25.21	25.29	25.301	25.303	25.305	25.307	25.321	25.331	25.365	25.561
25.571	25.581	25.601	25.603	25.605	25.607	25.609	25.611	25.613	25.619
25.625	25.771	25.777	25.789	25.869	25.899	25.901	25.903	25.954	25.959
25.981	25.1301	25.1303	25.1305	25.1307	25.1309	25.1316	25.1317	25.1321	23.1322
25.1323	25.1325	25.1331	25.1333	25.1335	25.1337	25.1351	25.1353	25.1355	25.1357
25.1360	25.1381	25.1431	25.1501	25.1519	25.1521	25.1529	25.1543	25.1549	25.1581
25.1583	25.1585								

Equivalent level of safety findings have been made for the following regulation(s):
§ 25.1549(a)(b)(c) (documented in TAD ELOS Memo # ST5826NY-T-P-1)

---END---

GPO 901-613





US 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 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 N711NV	Serial No. 550-0557	
	Make Cessna	Model 550	Series 500
2. Owner	Name (As shown on registration certificate) Nevada Department of Transportation	Address (As shown on registration certificate) Address 1263 So. Stewart	
		City Carson City State NV	Zip 89712 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 Cessna Aircraft Company		<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 5850 Citation Way		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City Sacramento State CA		<input checked="" type="checkbox"/> Certificated Repair Station	
Zip 95837 Country USA		<input type="checkbox"/> Certificated Maintenance Organization	CNQ4918C

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 Jeffery Weiss 9/10/2010
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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 Other (Specify)
	FAA Designee <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	

Certificate or Designation No. CNQ4918C	Signature/Date of Authorized Individual Joe Johnson 9/10/2010
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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.)

N711NV

Nationality and Registration Mark

9/10/2010

Date

S/N: 550-0557

TTSN: 9632.5

Removed existing sunvisors and installed a Rosen Sunvisor System IAW STC # SA2150NM, date amended 3/24/03, Rosen Drawing List # R500S-00DL dated 12/13/2006 & Rosen Sunvisor Installation Instructions dated 2/21/2006. Amended equipment list data. Weight change was negligible.

ICA contained within Rosen Sunvisor Installation Instructions, to periodically clean the lenses and adjust the pivot tensions on the visor assemblies.

-END-

☒ Additional Sheets Are Attached

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate

Number SA2150NM

This certificate, issued to

**Rosen Sunvisor Systems
86365 College View Road
Eugene, OR 97405**

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

Original Product—Type Certificate Number:

*See attached Approved Model List (AML)

Make:

No. SA2150NM for a list of approved airplane.

Model:

models and applicable airworthiness regulations

Description of the Type Design Change: Cockpit Sun Visor installation in accordance with FAA approved ROSEN Drawing List Number R500S-00DL, dated August 29, 1983, or later FAA approved revisions.

Limitations and Conditions: Approval of this change in type design applies to only those Cessna Aircraft Models listed on AML No. SA2150NM, dated March 24, 2003, or later FAA approved revisions. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and FAA approved ROSEN Drawing List Number R500S-00DL, shall be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 29, 1983

Date reissued: March 24, 2003

Date of issuance: September 30, 1983

Date amended: 5/3/83; 12/18/91; 12/29/93; 9/5/02;
3/24/03



By direction of the Administrator

[Signature]
(Signature)

Acting Manager, Seattle Aircraft
Certification Office

(Title)

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

This certificate may be transferred in accordance with FAR 21.47.

FAA APPROVED MODEL LIST (AML) SA2150NM
FOR
INSTALLATION OF ROSEN SUNVISOR SYSTEMS COCKPIT SUN VISOR

ISSUE DATE: December 27, 1993

ITEM	AIRPLANE MAKE	AIRPLANE MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED DRAWING LIST		AML AMENDED DATE
					NUMBER	REVISION NO. AND DATE	
1.	Cessna	500, 550, S550, 552, 560, 560XL	A22CE	14 CFR 25	R500S-00DL	8/29/83	3/28/06
2.	Cessna	525, 525A, 525B	A1WI	14 CFR 23	R500S-00DL	8/29/83	3/28/06

FAA APPROVED:


Acting Manager, Seattle Aircraft
Certification Office

REISSUED: March 28, 2006
AMENDED: Sept 12, 2002; March 24, 2003; March 28, 2006



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 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).

1. Aircraft	Make Cessna	Model 550
	Serial No. 550-0557	Nationality and Registration Mark N711NV
2. Owner	Name (As shown on registration certificate) Nevada Department of Transportation	Address (As shown on registration certificate) 1263 So Stewart Carson City NV 89712

3. For FAA Use Only

The data identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in 14 CFR part 43, section 43.7

9/03/2010
Date

Michael D. O'Kane
Michael D. O'Kane, Principal Avionics Inspector

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.
Cessna Aircraft Company Sacramento Citation Service Center 5850 Citation Way Sacramento, CA 95837	<input type="checkbox"/> U.S. Certified Mechanic	CNQ4918C
	<input type="checkbox"/> Foreign Certified Mechanic	
	<input checked="" 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 9/10/2010	Signature of Authorized Individual Roger L Seals
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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	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 9/10/2010		Certificate or Designation No. CNQ4918C	Signature of Authorized Individual [Signature]	

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.

B. Description of Work Accomplished

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

CESSNA/CITATION

N711NV
550-0557

9/03/ 2010
T.A.T. Hrs: 9632.5

This is to document an alteration to the existing Honeywell Business & General Aviation KMH 880 Hazard Awareness System (ref. Form 337 dated 4-19-02), to display on the AdViz, Innovative Solutions and Support (IS&S) Flat Panel Display System, and to control display information by addition of the Honeywell CP66B TCAS Controller.

This alteration consists of the installation of the CP66B TCAS controller under Pilots PFD. Annunciations are displayed on the AdViz Flat Panel Display System. Moving the KMH820 processor to left nose baggage. The previously installed KMD-850 Multi-function Display was removed. Previous installations were completed on approved Form 337 for the RDR-2000/KMD 850 Display on 3-09-01 and the traffic antennas were installed on Form 337, dated 10-26-01. The system receives 429 altitude information from the AZ-252.

The KMH-880 system was moved & rewired referencing the following publications and documents: Cessna Modification Order CI-00550-590 (AdViz), wiring diagram CA16484-1; KMH 880 Hazard Awareness System Installation Manual, P/N 006-10609-0005 Rev. 5, dated December 2005; Innovative Solutions and Support (IS&S) Operation and Installation Manual Flat Panel Display System pub # 1D-07148 Rev. 6, and the Cessna Citation 550 Maintenance Manual Chapter 20 Standard Practices for electrical and airframe.

The following equipment was moved to left nose baggage at location listed:

KMH-820 Multi Hazard Sensor P/N 066-01175-2101 TSO C-118a, C-115a was F.S. 39.00

The following equipment was added to the pilots instrument panel under the pilots PFD:

TCAS Controller P/N 071-01568-0801 TSO C-118 F.S. 106.00

FAA approved Flight Manual Supplement Dated 9/03/2010 was installed and must be readily available to the crew when system is in use.

Completed ground operational tests with satisfactory results in accordance with the manufacturer's installation manual check out procedures and CMR-560-365 (Cessna UNS-1Lw ground test plan) with no adverse affects to existing components of this system or other systems in the aircraft.

Electrical load analysis was performed and found that the loads do not exceed 80% of the generators maximum continuous operating capacity per approved Flight Manual

Revised Weight & Balance, Equipment List, and wiring schematics.

Instructions for Continuous Airworthiness require a visual inspection and operational test IAW manufacturer's recommendations and Phase 1 Inspection (24 calendar months or 300hrs).

-----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
2/28/2011

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 N711NV	Serial No. 550-0557	
	Make CESSNA	Model 550	Series 500
2. Owner	Name (As shown on registration certificate) NEVADA DEPARTMENT OF TRANSPORTATION	Address (As shown on registration certificate) Address 2163 SO STEWART	
		City CARSON CITY	State NV
		Zip 89712	Country USA

3. For FAA Use Only

The data identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43.7

JAN 07 2010

Date

James P. Nelson, SAC, FSDO
Principal Avionics Inspector

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 Cessna Aircraft Company		<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 5850 Citation Way		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City Sacramento	State CA	<input checked="" type="checkbox"/> Certificated Repair Station	
Zip 95837	Country USA	<input type="checkbox"/> Certificated Maintenance Organization	CNQ4918C

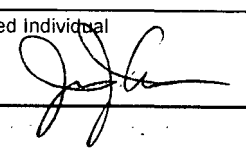
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and 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 Edward F. Kissel  1/10/2010
--	--

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. CNQ4918C	Signature/Date of Authorized Individual Joe Johnson  1/20/2010
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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.)

N711NV

January 7, 2010

Nationality and Registration Mark

Date

Aircraft serial number: 550-0557

Aircraft total time: 9453.9 Hrs.

This alteration is for the installation of Honeywell Bendix/King KDR 610 XM Radio Data Link Receiver for display of XM Weather on the existing Bendix/King KMD 850 Display System.

The KDR 610 installation consisted of installing the antenna (#2 GPS/WAAS/XM) on the top of the fuselage just behind the #1 GPS/WAAS antenna (part of the Universal #2 GPS/WAAS/XM antenna with 8110-3, same date). The receiver was installed under the flight deck center floor. A KAC 503 card was installed in the KMD 540 display (p/n 066-04035-0201 and is listed in the KDR 610 install manual). A software update was completed for the KMD 540 display, along with new data base card.

The KDR 610 XM System was installed with the following publications and documents referenced for this installation:

The Honeywell Bendix/King KDR 610 Weather Satellite Receiver Installation Manual number 006-10714-0000 Rev. 0 dated January, 2007. Cessna Aircraft Company drawings per Modification Order CI00550-583 with drawings CA23520-1 cable assy, CI54402-1 KDR 610 receiver installation, CI96277-3 XM WX circuit breaker installation, and the Cessna Citation 550 Maintenance Manual Chapter 20 Standard Practices for electrical and airframe.

The following equipment was installed at the position listed:

INSTALLED EQUIPMENT	PART NUMBER	TSO	LOCATION
Data Link Receiver	4092743-902	C157	F.S. 145.50
GPS/XM Antenna	1 0710	C190	F.S. 184.85
KAC0503 FIS Mod Card	071-00168-0311	C113	F.S. 104.00

A KMD550/850 Flight Information Service (FIS) Addendum p/n 006-18237-0000 Rev.6 dated Feb/2009 or later applicable version was installed in the KMD 850 pilots guide and must be readily available to the crew when the KMD 850 is in use.

Completed ground operational tests with satisfactory results per manufacturers installation check out procedures.

Completed EMI/RFI (EMC) interference checks with no interference noted.

Electrical load analysis was performed and determined the load does not exceed 80% of the generators maximum continuous operating capacity per the approved Flight Manual.

Revised Weight & Balance, Equipment List, and Avionics wiring schematics.

Instructions for Continued Airworthiness requires visual inspection and operation test in accordance with the manufacturers recommendation and FAR Part 43, appendix D, every Phase 5 Inspection (36 calendar months or 1200 hours, whichever occurs first). Manufacturers Instructions for Continued Airworthiness: The removal of the equipment is on the condition of failure.

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

1. Aircraft	Nationality and Registration Mark N711NV	Serial No. 550-0557	
	Make CESSNA	Model 550	Series 500
2. Owner	Name (As shown on registration certificate) NEVADA DEPARTMENT OF TRANSPORTATION	Address (As shown on registration certificate) Address 2163 SO STEWART	
		City CARSON CITY State NV Zip 89712 Country USA	

3. For FAA Use Only

The data identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43.7

JAN 07 2010

James P. Nelson
James P. Nelson, SAC, FSDO
Principal Aviation Inspector

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<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 CESSNA AIRCRAFT COMPANY		<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 5850 CITATION WAY		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City SACRAMENTO State CA		<input checked="" type="checkbox"/> Certificated Repair Station	CNQ4918C
Zip 95837 Country USA		<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 EDWARD F. KISSEL <i>Edward F. Kissel</i> 1/10/2010
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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	Person Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. CNQ4918C		Signature/Date of Authorized Individual JOE JOHNSON <i>Joe Johnson</i> 1/10/2010		

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.)

N711NV

01-06-2010

Nationality and Registration Mark

Date

Aircraft serial number: 550-0557

Aircraft total time: 9453.9 hrs cycles 10,344

PAGE 1 of 2

This alteration is for the installation of Universal Avionics Systems Corporation UNS-1Lw FMS installed with provisions for LP/LPV (Localizer Performance with Vertical Guidance) STC certification at a later date. This installation is a "FOLLOW ON" to STC ST02693CH.

The UNS-1Lw installation consists of removing the old KLN-900 Flight Management System. Deleted the B&D TAS Computer, Transducer, and Temp probe and replaced with new Temp Probe (minor change to mount) that interfaces to the AZ252 ADC to supply additional ADC labels to the UNS-1Lw. Installed the UNS-1Lw Control Display Unit in the flight deck center pedestal. Installed the Data Transfer Unit in the new Copilots RH Instrument Panel. Installed the Navigation Control Unit (NCU) on the vertical stabilizer forward spar in the tailcone along with the rack for provisions for the LP/LPV monitor. Installed GPS/WAAS #1 Antenna (forward) and GPS/WAAS/XM #2 (aft) antenna on top of the fuselage. The NCU configuration module is located on the top portion of the NCU rack. FMS annunciators are located on both pilots and copilots instrument panels and annunciator diode module and relay module are under cockpit center floor. The switching module is located on the forward press bulkhead fwd left side.

FMS LP/LPV approaches have been disabled in this installation pending certification. The LP/LPV monitor Receiver is not installed and pin 8 of K049R has been removed, bagged & stowed to prevent LP/LPV operation. FMS annunciators: FMS APR Lateral, FMS APR Vertical and FMS LOS, have been removed, bagged & stowed and panel plugs installed.

The UNS-1Lw System was installed with the following publications and documents referenced for this installation:

The Universal Avionics Systems Corporation UNS-1Lw Flight Management System Installation Manual No. 34-60-52rev1 dated 1 October 2007. Cessna Aircraft Company drawings per Modification Order # C100550-583 including Installation drawings: C123139-1 UNS NCU W/LPV monitor provisions installation with 8110-3, C123138-1 GPS/WAAS #1 antenna install with 8110-3, C123134 -1 GPS/XM #2 Antenna install with 8110-3, CA23523-1 SSDTU wire bundle assembly, C157230-1 Permanent DTU Install with new copilots right instrument panel, CA23518-1 UNS-1Lw FMS Wire bundle assembly, CA23521-1 FMS Configuration, C159177-1 UNS-1Lw 5 FPCDU Pedestal Equipment install, CA90268-1 Universal WAAS FMS to KMH 880 interface, C196279 UNS-1Lw instrument panel mods, C196278-1 aft bulkhead Feed-thru mod with 8110-3, C123137-1 Relay module Install, C196277-1 RH CB Mod -FMS, C196277-2 RH CB Panel Mod - FMS XFER, C196197-1 AZ-252 Temp Probe Install, CA13064-1 C/A-Temp Probe (AZ-252), CA14127-1 HSI 2 Cable Assy, CA23522-1 HSI 2 Switching cable Assy, CA03064-1 Nav 2 Cable Assy, C123136-1 NAV/FMS HSI 2 Relay Box Installation, FAA Advisory Circular AC 20-130A. Cessna Citation 550 Maintenance Manual Chapter 20 Standard Practices for electrical and airframe.

The following equipment was removed/installed at the location listed:

REMOVED COMPONENTS	PART NUMBER	TSO	LOCATION
KLN900 FMS	066-04034-0204	C129 A1	F.S. 121.50
KA-92 Antenna	071-01553-0200	C129	F.S. 157.00
KA 90 HSI Adapter*	071-01508-0200	C60B	F.S. 469.50
KCM-100 Configuration Module	071-00073-5000	PMA	F.S. 469.50

INSTALLED COMPONENTS	PART NUMBER	TSO	LOCATION
Diode Card SA24 (SANDIE AEROSPACE)	305003-01	PMA	F.S. 136.37
Diode Card Case (SANDIE AREOSPACE)	305146-00	PMA	F.S. 136.37
Nav/Hsi 2 Switching Relay Box	AIS 240-35	PMA	F.S. 136.37

-----continued-----

☒ Additional Sheets Are Attached

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.)

N711NV

01-06-2010

Nationality and Registration Mark

Date

Aircraft serial number: 550-0557

Aircraft total time: 9453.9 hrs cycles 10,344

PAGE 2 of 2

INSTALLED COMPONENTS	PART NUMBER	TSO	LOCATION
UNS-1Lw NCU	3116-42-1116	C115b & C146b	F.S. 464.75 FMS
Control Display Unit - 5" (CDU)	1018-2-113	C115B & C146b	F.S. 130.50
Solid State Data Transfer Unit	1408-00-1	C109	F.S. 105.39
GPS/WAAS ANTENNA	10708	C190	F.S. 171.55
GPS/WAAS/XM	10710	C190	F.S. 184.85
FMS CONFIGURATION MODULE	31921	C115b & C146b	F.S. 464.00

A FAA approved Universal Avionics UNS-1Lw Flight Management System Flight Manual Supplement FM90982 dated **JAN 07 2010** was installed and must be readily available to the crew during system operation.

A UNS-1Lw operators manual Report No. 2432sv1000/1100 Revision N/C dated 29 August 2007 or later applicable revision was placed on board the aircraft and must be accessible to the crew during system operation.

Completed ground operational tests with satisfactory results in accordance with the manufacturers installation manual check out procedures and CMR-550-266 (Cessna UNS-1Lw ground test plan) with no adverse affects to existing components of this system or other systems in the aircraft.

Performed VHF Communication harmonic interface tests on frequencies noted per AC 20-130a with normal operations.

Completed EMI/RFI (EMC) interference checks with no interference noted.

The Equipment List, wiring diagrams (CK55583-1) and Weight & Balance data were revised at installation.

Electrical load analysis was performed and found that the loads do not exceed 80% of the generators maximum continuous operating capacity per approved Flight Manual.

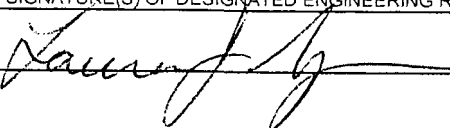
Instructions for Continued Airworthiness requires visual inspection and operation test in accordance with the manufacturers recommendation and FAR Part 43, appendix D, every Phase 5 Inspection (36 calendar months or 1200 hours, whichever occurs first). Damage tolerance analysis requirements of initial inspection at 14250 cycles (15675 hours) and recurring inspections at 7125 cycles (7838 hours) must be included in the continued airworthiness inspection requirements of the operators maintenance manual for the GPS/WAAS Satellite antenna installation. The inspections must be conducted using the eddy current NDI technique. The antenna must be removed for the inspection. If a crack is found it must be repaired immediately according to FAA approved repair procedures.

This installation is of the UNS-1Lw is not approved for navigation until a functional flight evaluation has been successfully accomplished to verify accuracy. LPV is not activated.

-----END-----

FUNCTIONAL FLIGHT EVALUATION PERFORMED ON 1-15-2010 BY Roger Z Seale
FOR SACRAMENTO CITATION SERVICE CENTER CRS # CNQ4918C

☒ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS			DATE 22 December 2009
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Cessna	MODEL NO. 550	TYPE (Airplane, Radio, Helicopter, etc.) Airplane	NAME OF APPLICANT Cessna Aircraft Co. Wichita, KS
LIST OF DATA			
IDENTIFICATION	TITLE		
Drawings:			
CI23134 Rev. Orig.	GPS/XM ANTENNA INSTL		
CI23138 Rev. Orig.	GPS/WAAS 1 ANTENNA INSTL		
CI23139 Rev. A	UNIVERSAL WAAS FMS EQUIPMENT INSTL		
CI96278 Rev. A	UNIVERSAL FMS WAAS AFT BLKHD AVN F/T MOD		
Reports:			
CI23134SA Rev. Orig.	STRUCTURAL ANALYSIS OF A GPS/XM ANTENNA INSTALLATION		
CI23138SA Rev. Orig.	STRUCTURAL ANALYSIS OF A GPS/WAAS (1) ANTENNA INSTALLATION		
CI23139SA Rev. Orig.	STRUCTURAL ANALYSIS OF A WAAS FMS EQUIPMENT INSTALLATION		
CI96278SA Rev. Orig.	STRUCTURAL ANALYSIS OF AN AFT BULKHEAD FEED THROUGH MODIFICATION		
PURPOSE OF DATA In support of a major alteration for S/N 0557. This approval is for the engineering design data and is not an installation approval.			
APPLICABLE REQUIREMENTS (List specific sections) 14 CFR Part 25 Sections 25.301(a)(b)(c) Amdt. 25-23, 25.303 Amdt. 25-23, 25.305(a)-(c)(e)(f) Amdt. 25-86, 25.307(a)(d) Amdt. 25-72, 25.321(a)-(d) Amdt. 25-86, 25.331(a)-(c) Amdt. 25-91, 25.365(a)-(e) Amdt. 25-87, 25.561(a)-(c) Amdt. 25-91, 25.571(a)-(d) Amdt. 25-96, 25.581(a)-(c) Amdt. 25-23, 25.601 No Amdt., 25.603(a)-(c) Amdt. 25-46, 25.605(a) Amdt. 25-46, 25.607(a)-(c) Amdt. 25-23, 25.609(a)(b) No Amdt., 25.611 Amdt. 25-23, 25.613(a)(c)(e)(f) Amdt. 25-112, 25.619(a)-(c) Amdt. 25-23, 25.625(a)-(c) Amdt. 25-72, 25.789 Amdt. 25-46			
CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and as attached sheets numbered <u>xxxxxx</u> xxxxxxxxxxxxxxxxxxxxxxxxxxxx have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.			
I (<input checked="" type="checkbox"/>) Therefore <input type="checkbox"/> Recommend approval of these data <input checked="" type="checkbox"/> Approve these data			
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S)		DESIGNATION NUMBER(S)	CLASSIFICATION(S)
 Lauren J. Rezac		DERT-635774-CE	Structures

FAA FORM 8130-6, APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE

Form Approved
O.M.B. No. 2120-0018
Exp. date: 12/31/2010

U.S. Department of Transportation Federal Aviation Administration		APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE		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 attachment. For special flight permits complete Sections II, VI and VII as applicable.																																																																																																																																																																																																																																																													
I. AIRCRAFT DESIGNATION	1. REGISTRATION MARK	2. AIRCRAFT BUILDER'S NAME (Make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFR	FAA CODING																																																																																																																																																																																																																																																												
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B. SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)																																																																																																																																																																																																																																																																	
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OWNER'S CERTIFICATION</td> <td colspan="2">A. REGISTERED OWNER (As shown on certificate of aircraft registration)</td> <td colspan="3">IF DEALER, CHECK HERE</td> </tr> <tr> <td colspan="2">NAME Nevada Department of Transportation</td> <td colspan="3">ADDRESS 126 So. Stewart Carson City, NV 89711</td> </tr> <tr> <td colspan="2">B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)</td> <td colspan="3"></td> </tr> <tr> <td colspan="2"> AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.) A22CE, Rev. 64 </td> <td colspan="3"> <input checked="" type="checkbox"/> AIRWORTHINESS DIRECTIVES (Check if all applicable ADs are complied with and give the number of the last AD SUPPLEMENT available in the placard series as of the date of expiration) 2009-10 </td> </tr> <tr> <td colspan="2">AIRCRAFT LISTING (Give page number(s))</td> <td colspan="3"> <input checked="" type="checkbox"/> SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) SA2698SW, ST22B0, SA2622NM </td> </tr> <tr> <td colspan="6">C. 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VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER		
	NAME		ADDRESS
	B. PRODUCTION BASIS (Check appropriate item)		
	<input type="checkbox"/> PRODUCTION CERTIFICATE (Give production certificate number) _____ <input type="checkbox"/> TYPE CERTIFICATE ONLY <input type="checkbox"/> APPROVED PRODUCTION INSPECTION SYSTEM		
	C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS		
DATE OF APPLICATION		NAME AND TITLE (Print or Type)	SIGNATURE
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT		
	REGISTERED OWNER		ADDRESS
	BUILDER (Make)		MODEL
	SERIAL NUMBER		REGISTRATION MARK
	B. DESCRIPTION OF FLIGHT		
	FROM		TO
	VIA		DEPARTURE DATE
			DURATION
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT		
	<input type="checkbox"/> PILOT <input type="checkbox"/> CO-PILOT <input type="checkbox"/> FLIGHT ENGINEER <input type="checkbox"/> OTHER (Specify) _____		
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:		
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION: (Use attachment if necessary)			
F. CERTIFICATION - 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 Administration in accordance with Title 49 of the United States Code 44101 <u>et seq.</u> and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is safe for the flight described.			
DATE		SIGNATURE	
NAME AND TITLE (Print or Type)			
VIII. AIRWORTHINESS DOCUMENTATION (FAA/BOH/SEE only)	<input checked="" type="checkbox"/> A. Operating Limitations and Markings in Compliance with 14 CFR Section 91.9, as applicable.		G. Statement of Conformity, FAA Form 8130-9 (Attach when required)
	<input type="checkbox"/> B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)
	<input type="checkbox"/> C. Data, Drawings, Photographs, etc. (Attach when required)		I. Previous Airworthiness Certificate Issued in Accordance with 14 CFR Section <u>21.183 d</u> CAR _____ (Original Attached)
	<input checked="" type="checkbox"/> D. Current Weight and Balance Information Available in Aircraft		J. Current Airworthiness Certificate Issued in Accordance with 14 CFR Section <u>21.183 d</u> _____ (Copy Attached)
	<input checked="" type="checkbox"/> E. Major Repair and Alteration: FAA Form 337, (Attach when required)		K. Light-Sport Aircraft Statement of Compliance: FAA Form 8130-15 (Attach when required)
	<input checked="" type="checkbox"/> F. This inspection Recorded in Aircraft Records		

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N711NV	2. MANUFACTURER AND MODEL Cessna 550	3. AIRCRAFT SERIAL NUMBER 550-0557	4. CATEGORY Transport
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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 thereof, 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 maintenance, preventive 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 A 06-03-2009	FAA REPRESENTATIVE <i>Gordon R. Campbell, Jr.</i> Gordon R. Campbell, Jr.	DESIGNATION NUMBER WP-FSDO-25
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Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (8-22)



U.S. Department
of Transportation
Federal Aviation
Administration

Flight Standards Service
Aircraft Registration Branch, AFS-750

P.O. Box 25504
Oklahoma City, Oklahoma 73125-0504
(405) 954-3116
Toll Free: 1-866-762-9434
WEB Address: <http://registry.faa.gov>

June 16, 2009

NEVADA DEPARTMENT OF TRANSPORTATION
C/O DATS
PUBLIC DOCUMENTS ROOM
OKLAHOMA CITY OK 73125

Dear Sirs:

The notice of a change in the model and/or serial number of your aircraft has been received. The records indicate the description of the aircraft is CESSNA 551 serial number 551-0557, N711NV, based on information from the manufacturer.

If your records differ or a change has occurred, you should consult a Federal Aviation Administration (FAA) inspector regarding issuance of a certificate of airworthiness showing the change or correction. Upon receipt of a copy of the certificate of airworthiness reflecting the correct description, we will adjust our records and issue a revised certificate of aircraft registration.

A list of FAA Flight Standards District Offices is enclosed for your information. If further assistance is needed, you may contact the Aircraft Registration Branch at (405) 954-3116 or toll free 1-866-762-9434.

Sincerely,

THELMA MCCULLOUGH
Legal Instruments Examiner
Aircraft Registration Branch

AFS-750-MODEL-1 (7/04)

RECEIVED
JUN 17 2009
AFS-750

FILED WITH FAA
AIRCRAFT REGISTRATION BR
2009 JUN 23 PM 3 33
OKLAHOMA CITY
OKLAHOMA

ALASKA

300 W. 36th Ave. Suite 101
Anchorage, AK 99503
TEL: 907-271-2000

4419 Airport Way
Fairbanks, AK 99709
TEL: 907-474-0270

3032 Vintage Blvd., Ste. 106
Juneau, AK 99801-9398
TEL: 907-586-7532

ALABAMA

1500 Ulfelt Center Dr., Ste. 250
Vestavia Hills, AL 35242
TEL: 205-876-1300

ARIZONA

17777 North Perimeter Dr., STE 101
Scottsdale, AZ 85255
TEL: 480-319-0111

ARKANSAS

1701 Bond St.
Little Rock, AR 72202
TEL: 501-918-4400

CALIFORNIA

4955 E. Anderson, Ste. 110
Fresno, CA 93727
TEL: 559-454-0286

5001 Airport Plaza Dr., Ste. 100
Long Beach, CA 90815
TEL: 562-420-1755

2250 E. Imperial Hwy., Ste. 140
El Segundo, CA 90245
TEL: 310-215-2150

1120 Harbor Bay Parkway, Ste. 280
Alameda, CA 94502-7089
TEL: 510-748-0122

6961 Flight Rd.
Riverside, CA 92504
TEL: 951-276-6701

6650 Bealeau Wood Ln
Sacramento, CA 95822
TEL: 916-422-0272

8525 Gibbs Dr., Ste. 120
San Diego, CA 92123
TEL: 858-502-9882
FAX: 858-502-9985

1250 Aviation Ave., Ste. 295
San Jose, CA 95110-1190
TEL: 408-291-7681

16501 Sherman Way, Ste. 330
Van Nuys, CA 91406
TEL: 818-904-6294

COLORADO

26805 E. 68th Ave., Ste. 200
Denver, CO 80249-6361
TEL: 303-342-1170

CONNECTICUT

1st Floor, Bldg. 85-214
Bradley Int'l. Airport
Windsor Locks, CT 06096-1009
TEL: 860-654-1000

FLORIDA

8500 NW 26th St., Ste. 201
Miami, FL 33166-6651
TEL: 305-716-3400
FAX: 305-716-3437

5950 Hazeltine Nat'l. Dr.
Citadel Int'l., Ste. 500
Orlando, FL 32822-5023
TEL: 407-812-7700
FAX: 407-812-7710

GEORGIA (Atlanta)

Campus Bldg.
1701 Columbia Ave., Ste. 2110
College Park, GA 30337-2748
TEL: 404-305-7200

HAWAII

135 Nakolo Place
Honolulu, HI 96819-1850
TEL: 808-837-8500

IDAHO

3295 Elder St., Ste. 350
Boise, ID 83705
TEL: 208-387-4000
FAX: 208-387-4020

ILLINOIS

31W775 North Ave.
DuPage County Airport
West Chicago, IL 60185-1058
TEL: 630-443-3100

2300 E. Devon Ave., Room 261
Des Plaines, IL 60018
TEL: 847-294-7900
FAX: 847-294-7902

Capital Airport
1250 N Airport Dr Ste 1
Springfield, IL 62707
TEL: 217-744-1910

INDIANA

1201 Columbia Rd., Ste. 101
Plainfield, IN 46168
TEL: 317-897-4400

5800 Nimitz Parkway
South Bend, IN 46628
TEL: 574-245-4600

IOWA

3753 S E Convenience Blvd
Ankeny, IA 50021
TEL: 515-289-3840
1-800-728-7250

KANSAS

FAA Bldg., Rm. 300
1801 Airport Rd.
Wichita, KS 67209
TEL: 316-941-1200

KENTUCKY

10200 Forest Green Blvd.
Ormsby Three Bldg, Ste. 200
Louisville, KY 40223
TEL: 502-753-4200
FAX: 502-753-4205

LOUISIANA

6100 Corporate Blvd., Ste. 200
Baton Rouge, LA 70808
TEL: 225-932-5900
1-800-821-1960
FAX: 225-932-5975

MAINE

412 Yellowbird Rd.
Portland, ME 04102
TEL: 207-780-3253

MARYLAND

890 Airport Park Rd., Ste. 101
Glen Burnie, MD 21061-2559
TEL: 410-787-0040
FAX: 410-787-8708

MASS (Boston)

One Cranberry Hill, Suite 402
Lexington, MA 02421
TEL: 781-274-7130
FAX: 781-274-6725

70 Everett Avenue, Suite 517
Chelsea, MA 02150
TEL: 617-887-9237
FAX: 617-887-9261

MICHIGAN

Willow Run Airport
8800 Beck Rd.
Belleville, MI 48111
TEL: 734-487-7222

3196 Kraft SE, Ste. 103
Grand Rapids, MI 49512
TEL: 616-954-5657

MINNESOTA

Minneapolis-St. Paul Int'l. Airport
6020 28th Ave. S., Rm. 201
Minneapolis, MN 55450
TEL: 612-713-4211

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2009 JUN 23 PM 3 33
OKLAHOMA CITY
OKLAHOMA

MISSISSIPPI

100 West Cross St., Ste. C
Jackson, MS 39208
TEL: 601-664-9800

MISSOURI

901 Locust St., Rm. 403
Kansas City, MO 64106
TEL: 816-329-4000

(St. Louis)
10801 Pear Tree Ln., Ste. 200
St. Ann, MO 63074
TEL: 314-890-4800
FAX: 314-890-4600

MONTANA

2725 Skyway Dr., Ste. 1
Helena, MT 59602-1213
TEL: 406-449-3270

NEBRASKA

3431 Aviation Rd. STE 120
Lincoln, NE 68524
TEL: 402-475-1738

NEVADA

7181 Amigo St., Ste. 180
Las Vegas, NV 89119-4354
TEL: 702-269-1445

5466 Langley Lane
Reno, NV 89511
TEL: 775-858-7700

NEW JERSEY

Park 80 W Plaza One
Saddle Brook, NJ 07663
TEL: 201-856-6600

NEW MEXICO

1601 Randolph Rd., SE., Ste. 200N
Albuquerque, NM 87106
TEL: 505-764-1200

NEW YORK

7 Airport Park Blvd.
Latham, NY 12110
TEL: 518-785-5660

Farmingdale FSDO
7150 Republic Airport, Ste. 295
Farmingdale, NY 11735-1683
TEL: 631-735-1300

1 Airport Way, Ste. 110
Rochester, NY 14624
TEL: 585-436-3880

990 Stewart Ave., Ste. 630
Garden City, NY 11530-4858
TEL: 516-228-8029

NORTH CAROLINA

3800 Arco Corporate Dr., Ste. 233
Charlotte, NC 28273
TEL: 704-319-7020
FAX: 704-319-7021

6433 Bryan Blvd
Greensboro, NC 27409
TEL: 336-662-1000

NORTH DAKOTA

4620 Amber Valley Parkway
Fargo, ND 58104
TEL: 701-232-8949

OHIO

4358 Ferguson Drive
Cincinnati, OH 45245
TEL: 513-842-9600
FAX: 513-842-9620

Great Northern Technology Park II
26242 Country Club Blvd
North Olmsted, OH 44070
TEL: 440-686-2001

Pt. Columbus Int'l Airport
2780 Airport Dr., Ste. 300
Columbus, OH 43219
TEL: 614-256-3120
FAX: 614-253-3159

OKLAHOMA

1300 S. Meridian, Ste. 601
Oklahoma City, OK 73108
TEL: 405-951-4200

OREGON

3180 NW 229th Avenue
Hillsboro, OR 97124
TEL: 503-615-3200
FAX: 503-615-3300

PENNSYLVANIA

961 Maroon Blvd., No. 111
Allentown, PA 18103
TEL: 610-264-2888

(Harrisburg)
Capital City Airport
400 Airport Dr., Rm. 101
New Cumberland, PA 17070
TEL: 717-774-8271

International Plaza 2, Ste. 110
Philadelphia, PA 19113
TEL: 610-595-1500

101 Town Square Way, Ste. 201
Pittsburgh, PA 15227
TEL: 412-866-2580
FAX: 412-866-2591

SOUTH CAROLINA

128-B Summer Lake Dr.
West Columbia, SC 29170-2108
TEL: 803-763-5931

SOUTH DAKOTA

909 St. Joseph St., Ste. 700
Rapid City, SD 57701-2699
TEL: 605-737-3050

TENNESSEE

2847 Business Park Dr., Bldg. J
Memphis, TN 38118
TEL: 901-322-8600

2 International Plaza, Ste. 700
Nashville, TN 37217
TEL: 615-324-1900

TEXAS

1431 Greenway Drive, Ste. 1000
Irving, TX 75038
TEL: 972-582-1800
FAX: 972-582-1872

(Dallas/Ft. Worth)
Centreport Business Park
14800 Trinity Blvd., Ste. 200
Ft. Worth, TX 76155
TEL: 817-681-6700

13601 N. Freeway, Ste. 100
Fort Worth, TX 76177-4300
TEL: 817-491-3000

12650 N. Featherwood Dr., Ste. 230
Houston, TX 77034
TEL: 281-929-7000
FAX: 281-929-7059

International Airport
Rt. 3 Box 31
Lubbock, TX 79401
TEL: 806-740-3800

10100 Reunion Pl., Ste. 200
San Antonio, TX 78216
TEL: 210-308-4300

UTAH

1020 N. Flyer Way
Salt Lake City, UT 84116-2959
TEL: 801-257-5020

VIRGINIA

Richmond Int'l Airport
5707 Huntsman Rd., Ste. 100
Richmond, VA 23230-2415
TEL: 804-222-7494

13873 Park Center Rd., Ste. 475
Herndon, VA 20171
TEL: 703-230-7664

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OKLAHOMA CITY
OKLAHOMA

WASHINGTON

1601 Lind Avenue, SW
Ste. 260
Renton, WA 98055-4056
TEL: 425-227-1813

6133 E. Ruttan Ave.
Spokane, WA 99212
TEL: 509-532-2340

WEST VIRGINIA

Yeager Airport
301 Eagle Mtn. Rd., Rm. 144
Charleston, WV 25311
TEL: 304-343-4680

WISCONSIN

4915 S. Howell Ave., 4th Fl.
Milwaukee, WI 53207
TEL: 414-486-2920

WYOMING

951 Werner Ct., Ste. 320
Casper, WY 82601-1312
TEL: 307-261-5425

INTERNATIONAL FIELD OFFICES

EA-29 NY IFO
New York Int'l. Field Office
1 Aviation Plaza, Room 504
Jamaica, NY 11434-4809
(718) 553-0986

Miami IFO
8600 NW 36th St., Ste. 600
Miami, FL 33166
(305) 716-3500

Burlingame IFO
821 Milton Rd., Room 106
Burlingame, CA 94010-1303
(415) 897-9844

Ft. Worth IFO
Centreport Business Park
1400 Trinity Blvd., Ste. 300
Ft. Worth, TX 76165
(817) 684-6700

REGIONAL OFFICES**ALASKAN REGION**

222 W. 7th Ave., No. 14
Anchorage, AK 99513
TEL: 907-271-5514

CENTRAL REGION

DOT Headqtr. Bldg.
901 Locust St., Rm. 332
Kansas City, MO 64106
TEL: 816-329-3200
Area: IA, KS, KY, MO, NE, TN

EASTERN REGION

1 Aviation Plaza
Jamaica, NY 11434-4809
TEL: 718-553-3200
Area: CT, DE, DC, MA, MD, ME, NH,
NJ, NC, NY, PA, RI, VA, VT, WV

GREAT LAKES REGION

2300 East Devon Ave.
Des Plaines, IL 60018
TEL: 847-294-7294
Area: IL, IN, MI, MN, ND, OH, SD, WI

NORTHWEST MOUNTAIN REGION

1601 Lind Ave., SW
Renton, WA 98055-4056
TEL: 425-227-2200
Area: CO, ID, MT, OR, UT, WA, WY

SOUTHERN REGION

P.O. Box 20636
Atlanta, GA 30320
TEL: 404-305-6000
Area: AL, FL, GA, KY, SC, Puerto
Rico

SOUTHWEST REGION

2601 Meacham Blvd.
Ft. Worth, TX 76137

Mailing Address:
DOT/FAA, Southwest Region
Ft. Worth, TX 76193
TEL: 817-222-5000
Area: AR, LA, MS, NM, OK, TX

WESTERN-PACIFIC REGION

13000 Aviation Blvd.
Hawthorne, CA 90261

Mailing Address:
P.O. Box 92007
Worldway Postal Center
Los Angeles, CA 90009
TEL: 310-725-7100
Area: AZ, CA, HI, NV, Japan
Mariana Isl., Am. Samoa, Marshall Is.

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2009 JUN 23 PM 3 33
OKLAHOMA CITY
OKLAHOMA



FAA AIRCRAFT REGISTRY

Oklahoma City, OK

DATE: June 23, 2009

☐ Please forward Temporary Certificate to DATS

REG.N#: 711NV

☒ Please give DATS original Cert.

MAKE: Cessna

☐ Please forward releases/termination forms to DATS

MODEL: 550

☒ Please return original documents to DATS

SERIAL NO.: 550-0557

☐ _____

ENGS/PROPS

MAKE:

MODEL:

TO THE FAA EXAMINER:

SERIAL NO.: _ _____

We respectfully submit the following documents for your review/recording:

Copy of Application

for Airworthiness (signed by an FAA Inspector)

Copy of the Airworthiness

Certificate (ISSUED)

Copy of the Reject Letter

of 6-16-2009

If there are any problems with the attached documents, please advise and return to:

DIXIE AIRE TITLE SERVICE, INC in the PUBLIC DOCUMENTS ROOM

Please do not return documents to the lending institution or customer indicated, as we are filing the attached documents at their request. Thank you in advance for your assistance.

SINCERELY,


DIXIE AIRE TITLE SERVICE, INC.

FILED WITH FAA
AIRCRAFT REGISTRATION BR
2009 JUN 23 PM 3 33
OKLAHOMA CITY
OKLAHOMA

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER				
	NAME		ADDRESS		
	B. PRODUCTION BASIS (Check applicable item)				
		PRODUCTION CERTIFICATE (Give production certificate number) →			
		TYPE CERTIFICATE ONLY			
		APPROVED PRODUCTION INSPECTION SYSTEM			
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS					
DATE OF APPLICATION		NAME AND TITLE (Print or Type)		SIGNATURE	
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT				
	REGISTERED OWNER		ADDRESS		
	BUILDER (Make)		MODEL		
	SERIAL NUMBER		REGISTRATION MARK		
	B. DESCRIPTION OF FLIGHT				
	FROM		TO		
	VIA		DEPARTURE DATE	DURATION	
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT				
		PILOT	CO-PILOT	FLIGHT ENGINEER	OTHER (Specify)
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:				
	E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION: (Use attachment if necessary)				
	F. CERTIFICATION - 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 Administration in accordance with Title 49 of the United States Code 44101 <u>et seq.</u> and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is safe for the flight described.				
DATE		NAME AND TITLE (Print or Type)		SIGNATURE	
VII. AIRWORTHINESS DOCUMENTATION (FAA/DESIGNEE use only)	<input checked="" type="checkbox"/>	A. Operating Limitations and Markings in Compliance with 14 CFR Section 91.9, as applicable.		G. Statement of Conformity, FAA Form 8130-9 (Attach when required)	
	<input type="checkbox"/>	B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)	
	<input type="checkbox"/>	C. Data, Drawings, Photographs, etc. (Attach when required)		I. Previous Airworthiness Certificate Issued in Accordance with 14 CFR Section <u>21.183 d</u> CAR _____ (Original Attached)	
	<input checked="" type="checkbox"/>	D. Current Weight and Balance Information Available in Aircraft		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>	E. Major Repair and Alteration, FAA Form 337 (Attach when required)		<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>	F. This inspection Recorded in Aircraft Records		J. Current Airworthiness Certificate Issued in Accordance with 14 CFR Section <u>21.183 d</u> _____ (Copy Attached)	
		K. Light-Sport Aircraft Statement of Compliance, FAA Form 8130-15 (Attach when required)			

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1 NATIONALITY AND REGISTRATION MARKS	2 MANUFACTURER AND MODEL	3 AIRCRAFT SERIAL NUMBER	4 CATEGORY
N711NV	CESSNA 551	551-0557	TRANSPORT

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 maintenance, preventative 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 REPLACEMENT	FAA REPRESENTATIVE	DESIGNATION NUMBER
8-13-87	FLOYD O. GOODYEAR	WP-FSDO-19

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

FAA Form 8100-2 (8-82)

GPO 570-189

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N711NV	2. MANUFACTURER AND MODEL Cessna 550	3. AIRCRAFT SERIAL NUMBER 550-0557	4. CATEGORY Transport
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 it has been 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 here. Exceptions: <div align="center">★ NONE ★</div>			
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 maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 87 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.			
DATE OF ISSUANCE A 06-03-2009	FAA REPRESENTATIVE Gordon Campbell		DESIGNATION NUMBER WP-FSDO-25

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

FAA Form 8100-2 (8-82)

U.S. GPO-2001 - 688-455



US 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 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	Serial No.	
	N711NV	550-0557	
	Make	Model	Series
	Cessna	550	500
2. Owner	Name (As shown on registration certificate)	Address (As shown on registration certificate)	
		Address 1263 SO STEWART	
		City CARSON CITY	State NEVADA
		Zip 89712	Country US
	NEVADA DEPARTMENT OF TRANSPORTATION		

3. For FAA Use Only

COPY

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 Cessna Aircraft Company		<input type="checkbox"/> U. S. Certified Mechanic	<input type="checkbox"/> Manufacturer
Address 5850 Citation Way		<input type="checkbox"/> Foreign Certified Mechanic	C. Certificate No.
City Sacramento State CA		<input checked="" type="checkbox"/> Certified Repair Station	
Zip 95837 Country USA		<input type="checkbox"/> Certified Maintenance Organization	CNQ4918C

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 Joe Johnson 6/3/09
--	---

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 <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. CNQ4918C	Signature/Date of Authorized Individual Jeffery D. Cunningham 6/3/09
--	---

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.)

N711NV

06/03/2009

Nationality and Registration Mark

Date

550-0557

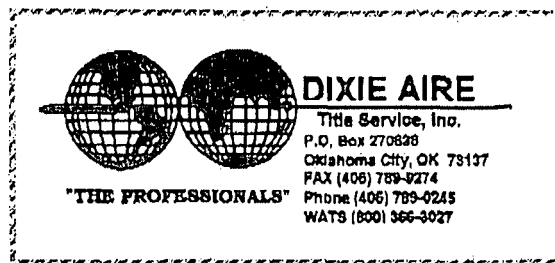
T.A. T. 9234.4

This form is to document the conversion of aircraft from Cessna Model 551, serial number 551-0557, to Cessna Model 550, serial number 550-0557 by compliance with Cessna Aircraft Company SB550-11-4, Revision 5 dated 12/03/89.

-----END-----

COPY

☐ Additional Sheets Are Attached



**PLEASE PROVIDE DATE AND TIME THAT THE DOCUMENT(S) OUTLINED
BELOW IS/ARE FILED WITH THE FAA REGISTRATION BRANCH.**

THANK YOU!

ESCROW AGENT: Lynnelle Brents

FILE IN 1 MINUTE

RE: N711NV, Cessna 550, SN: 550-0557

DOCUMENT (S):

Letter from Cessna

**Advising that the aircraft has been modified from a 551, SN: 551-0557 to a 550,
SN: 550-0557**

Application for Registration

in the name of Nevada Department of Transportation

FILED WITH FAA
AIRCRAFT REGISTRATION BR
2009 JUN 2 AM 9 39
OKLAHOMA CITY
OKLAHOMA

COPY



US 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 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 N711NV	Serial No. 550-0557	
	Make Cessna	Model 550	Series 500
2. Owner	Name (As shown on registration certificate) NEVADA DEPARTMENT OF TRANSPORTATION	Address (As shown on registration certificate) Address 1263 SO STEWART City CARSON CITY State NEVADA Zip 89712 Country US	

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 Cessna Aircraft Company	Address 5850 Citation Way	<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
City Sacramento State CA	Zip 95837 Country USA	<input checked="" type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
		<input checked="" type="checkbox"/> Certificated Repair Station	CNQ4918C
		<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 Joe Johnson 6/3/09
--	--

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. CNQ4918C	Signature/Date of Authorized Individual Jeffery D. Cunningham 6/3/09
---	--

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.)

N711NV

Nationality and Registration Mark

06/03/2009

Date

550-0557

T.A. T. 9234.4

This form is to document the conversion of aircraft from Cessna Model 551, serial number 551-0557, to Cessna Model 550, serial number 550-0557 by compliance with Cessna Aircraft Company SB550-11-4, Revision 5 dated 12/03/89.

-----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
2/28/2011

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	Serial No.	
	N711NV	550-0557	
	Make	Model	Series
	Cessna	550	500
2. Owner	Name (As shown on registration certificate)	Address (As shown on registration certificate)	
	NEVADA DEPARTMENT OF TRANSPORTATION	Address <u>2163 SO STEWART</u>	
		City <u>CARSON CITY</u> State <u>NV</u>	
		Zip <u>89712</u> Country <u>USA</u>	

3. For FAA Use Only

The data identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43.7

MAY 22 2009

Date

James P. Nelson
James P. Nelson, SAC, FSDO
Principal Avionics Inspector

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 <u>Cessna Aircraft Company</u>	Address <u>5850 Citation Way</u> City <u>Sacramento</u> State <u>CA</u> Zip <u>95837</u> Country <u>USA</u>	<input type="checkbox"/> U. S. Certificated Mechanic	Manufacturer
		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
		<input checked="" type="checkbox"/> Certificated Repair Station	CNQ4918C
		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 <u>Edward F. Kissel</u> <i>Edward F. Kissel</i> 6-3-09
--	---

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. CNQ4918C	Signature/Date of Authorized Individual <u>Roger L. Searls</u> <i>Roger L Searls</i> 6-3-09
--	--

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.)

N711NV

May 19, 2009

Nationality and Registration Mark

Date

This alteration is for the installation of L-3 Communications FA2100 Cockpit Voice Recorder. This installation is a "follow on" to type certificate installation in a Bravo (550B) model aircraft (same Type Certificate A22CE).

The FA2100 CVR installation consisted of installing the Cockpit Voice Recorder in the tailcone along with the "G" switch. The Cockpit controller is mounted in the copilots meter panel and the area microphone is attached to the left side of the Fire Tray which is located on the center of the glare shield. Filters were installed in the engine ignition circuit

The FA2100 Cockpit Voice Recorder was installed with the following publications and documents referenced for this installation:

Model FA2100CVR Cockpit Voice Recorder Installation & Operation Instruction Manual p/n 165E1846-00 rev 12 Mar. 31/09; Cessna Citation Engineering Modification Order Number CI00550-579 with: CVR Structure drawing number CI54021-1, Aft Bulkhead Mod CI90005-1, area microphone installation CI22001, CVR circuit breaker install CI98004-3, CVR control head install CI96253-1, Dual audio W/hot microphone cable assembly CA15005-1, wiring diagram number CA22088-1, CVR Installation CI22006-3, Engine ignition filter install 6558001-1 & -7, Letter of compatibility from L-3 Communications (FA2100CVR p/n 2100-10X0-XX TSO C123a, is a direct replacement for FAA TSO C123, Model A200S SSCVR, p/n S200-00XX-XX, no change in aircraft wiring or CVR mounting tray hardware is necessary). FAA Advisory Circular A.C. 43-13-1B, A.C. 43-13-2B chapter 1; Cessna Citation 550 Maintenance Manual Chapter 20 Standard Practices.

The following equipment was installed at the position listed:

- Installed Equipment -	- Part Number -	- TSO -	- Location -
Cockpit Voice Recorder FA2100	2100-1020-02	C-123a, ED-56A, Arinc 757	F.S. 417.10
Cockpit Voice Recorder Tray	200-91000-101	n/a	F.S. 417.10
Cockpit Voice Recorder Microphone	S055-0067-00	C-123a, ED-56A	F.S. 120.75
Cockpit Voice Recorder Controller	S251-1120-00	C-123a, ED-56A	F.S. 106.90
Cockpit Voice Recorder "G" switch	6895D2X5-5	n/a	F.S. 417.50
Engine Ignition Filter (LH & RH outbd engine)	A-3705	n/a	F.S. 367.00
Underwater Beacon	266-E0305-00	C121	F.S. 413.13

An FAA approved Flight Manual Supplement dated MAY 22 2009 was installed in the flight manual and must be readily available to the flight crew during flight operations.

Completed ground operational tests with satisfactory results I.A.W. manufacturer's installation checkout procedures including a complete Audio System System Check. An Operational test flight was completed with satisfactory results.

Electrical load analysis was performed and determined that the load does not exceed 80% of the generators maximum continuous operating capacity per the approved flight manual.

The equipment list and weight & balance data were revised at installation. Wiring Cable Kit CK55579-1

Instructions for Continuous Airworthiness require visual inspection and operational test I.A.W. manufacturer's recommendations and FAR Part 43, Appendix D, every Phase 1 Inspection (24 calendar months or 300hrs). The Underwater Locator Device (ULD) requires functional testing every Phase 21 (24 months).

-----END-----

☐ Additional Sheets Are Attached



The Cessna Aircraft Company
Sacramento Citation Service Center
FAA Repair Station CNQ4918C
5850 Citation Way
Sacramento, California. 95837

FAA APPROVED
Airplane Flight Manual

CITATION II MODEL 550

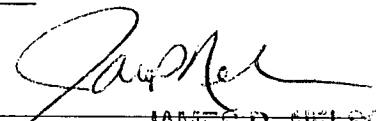
Registration: N711NV
Serial Number: 0557
Unit Number: 0557

SUPPLEMENT FM90958

L3 COMMUNICATIONS FA2100 COCKPIT VOICE RECORDER

This Supplement is part of, and must be attached to the basic FAA Approved Flight Manual for airplanes equipped with the L3 Communications FA2100 Cockpit Voice Recorder. The information contained herein supplement the information of the basic Flight Manual. For Limitations, procedures and performance information not contained in this supplement, consult the basic FAA Approved Airplane Flight Manual. Reference FAA form 337 dated MAY 22 2009

FAA APPROVED BY _____

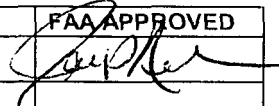

JAMES P. NELSON
PRINCIPAL AVIONICS INSP., SAC. FSDO

AIRPLANES EQUIPPED WITH A
L3 COMMUNICATIONS
FA2100 COCKPIT VOICE RECORDER

FM90958 REV. N/C
FAA APPROVAL DATE: MAY 22 2009

MODEL 550

LOG OF REVISIONS:

REVISION	PAGE NO.	DATE	DESCRIPTION	FAA APPROVED
ORIGINAL	ALL	MAY 22 2009	ORIGINAL ISSUE	

AIRPLANES EQUIPPED WITH A
L3 COMMUNICATIONS
FA2100 COCKPIT VOICE RECORDER

FM90958 REV. N/C
FAA APPROVAL DATE: MAY 22 2009

MODEL 550

L3 COMMUNICATIONS FA2100 COCKPIT VOICE RECORDER

SECTION I - INTRODUCTION

This supplement is part of, and must be placed in, the FAA Approved Airplane Flight Manual for Airplanes equipped with the L3 Communications (FA2100) Cockpit Voice Recorder. The information contained herein supplements the information of the basic FAA Approved Airplane Flight Manual. For limitations, procedures and performance information not contained in the supplement, consult the basic FAA Approved Airplane Flight Manual.

DESCRIPTION

The FA2100 Cockpit Voice Recorder (CVR) system provides a continuous 30 minute record of all voice communications originating in the cockpit and aft PA audio via 4 individually recorded channels. In addition a separate 2-hour continuous record is provided which combines the 4 channels into a single data stream.

The sensitive cockpit area microphone is located to left of the annunciator panel. The system is energized when the battery switch is in the "BATT" position. The control panel contains a test switch, which must be pressed for a minimum of 5 seconds to check system operation. Steady illumination of the test lamp verifies that the recorder is operating properly. An erase button is provided which requires at least a 2-second depression to initiate the bulk erasure cycle. The bulk erasure can only be accomplished on the ground with the cabin door open.

SECTION II - OPERATING LIMITATIONS

No Change.

SECTION III - OPERATING PROCEDURES

The operating procedures remain the same as those shown in the basic FAA Approved Airplane Flight Manual Except:

NORMAL PROCEDURES

Battery Switch – BAT:

Cockpit Voice Recorder – TEST Button, PUSH and HOLD for a minimum of five seconds. The green test lamp shall remain illuminated until the button is released.

Cockpit Voice Recorder – Erase Button, PUSH and HOLD for 2 seconds. Accomplished on the ground only, with the cabin door open.

EMERGENCY PROCEDURES

No Change.

**AIRPLANES EQUIPPED WITH A
L3 COMMUNICATIONS
FA2100 COCKPIT VOICE RECORDER**

FM90958 REV. N/C
FAA APPROVAL DATE: MAY 22 2009

Page 3 of 4

MODEL 550

ABNORMAL PROCEDURES

No Change.

SECTION IV - PERFORMANCE

No Change.

AIRPLANES EQUIPPED WITH A
L3 COMMUNICATIONS
FA2100 COCKPIT VOICE RECORDER

FM90958 REV. N/C
FAA APPROVAL DATE: MAY 22 2009



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

1. Aircraft	Make Cessna	Model 551
	Serial No. 551-0557	Nationality and Registration Mark N711NV
2. Owner	Name (As shown on registration certificate) NEVADA DEPARTMENT OF TRANSPORTATION	Address (As shown on registration certificate) 1263 SO STEWART CARSON CITY NV89712

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 TURBO AIR INC 4000 S. ORCHARD BOISE ID 83705	B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. FZRR132E
--	--	------------------------------------

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 12/30/2005	Signature of Authorized Individual Rob Sievers
--------------------	---

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	Inspection Authorization	Other (Specify)
	FAA Designee	X Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 12/30/2005		Certificate or Designation No. FZRR132E	Signature of Authorized Individual Jerrv Hurst	

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.)

ISupplemental Type Certificate NumberSA2622NM Installation of a Precise Flight Inc, Pulselite system.

A. The following componets were installed.

Pulselite unit, Model 2401

(3) Switchs p/n A3-202-01

B. The unit was installed at FS 345.0 with attach bracket p/n 6538340-5 according to instructions in the Precise Flight Installation Manual Model 2401 report No 08052 dated 2/27/2001, and guidance in FAA Advisory Circulars 43.13-1A, chapter 11, and 43.13-2A, chapters 1 & 2.

C. An electrical load analysis was performed and the continuous load of the generators does not exceed 80% of capacity.

D. A complete operational test was performed according to Pulselite 2401 Installation Manual dated 2/27/2001. The equipment performed satisfactory and id not adversely affect existing componets or systems in the aircraft.

E. The aircraft equipment/weight & balance list was revised to reflect these changes. A Precise Flight Inc, Pulselite Aircraft Flight Manual Supplement dated June 28, 2002 was placed in the aircraft.

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

NM-11 022

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 violation (Section 901 of Federal Aviation Act of 1958).

1. Aircraft	Make	Cessna	Model	551
	Serial No.	0557	Nationality and Registration Mark	N711NV
2. Owner	Name (As shown on registration certificate)	Nevada Department of Transportation	Address (As shown on registration certificate)	
			1263 S. Stewart Carson City, NV 89712	

3. For FAA Use Only

The technical data identified herein has been found to comply with applicable airworthiness requirements and is hereby approved for use only on the above described aircraft, subject to conformity inspection by a person authorized in 43.7.

4 MAY 2006
Date

FAA Inspector, NM-TSDO-11

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.
Turbo Air Inc. 4000 S. Orchard St. Boise, Idaho 83705	<input type="checkbox"/> U.S. Certificated Mechanic	FZRR132E Radio 1&2 Airframe 1&3
	<input type="checkbox"/> Foreign Certificated 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	Signature of Authorized Individual
MAY 04, 2006	Bill Luff

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		Certificate or Designation No.	Signature of Authorized Individual	
MAY 04, 2006		FZRR132E	Bill Luff	

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 –

N711NV Cessna 551 S/N 0557 Dated: *05-04-06*

Removed:

NAT AA80-020 Intercom S/N 20481 (rightside) S/N20447 (leftside)

A dual intercom system was removed. The intercoms were originally installed on FAA Form 337 Dated: January 03, 2006. The intercoms were mounted on the lower left and right instrument panels. The intercoms were connected to the avionics bus with 2-amp circuit breakers. The circuit breakers were labeled "Pilot ICS" and "Co-pilot ICS". The circuit breakers were re-labeled "Pilot HS" and "Co-pilot HS". These circuit breakers provide power for the ANR headsets.

Other references used:

Wire used in the above installations conforms to M27500 or M22759/16 of the appropriate gauge as required by AC 43.13 1B, paragraph 11-76 and 77. Wire was installed in accordance with chapter 11 section 5, paragraphs 11-66 through 11-69; section 8, paragraph 11-96; section 9, paragraph 11-115 through 11-26; section 11, paragraph 11-146 through 11-147; and section 16, paragraphs 11-205 through 11-210.

The above installations meet the requirements for static loading in accordance with AC 43.13-2A chapter 1 Para. 2(d), and materials and methods were chosen and employed in accordance with AC 43.13-2A chapter 1 paragraphs 4 through 12.

Changes are entered in the aircraft equipment list records.

No change to the aircraft weight and balance.

No change to the wet compass readings.

=====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

12M-11 *W*

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 violation (Section 901 of Federal Aviation Act of 1958).

1. Aircraft	Make Cessna	Model 551
	Serial No. 0557	Nationality and Registration Mark N711NV
2. Owner	Name (As shown on registration certificate) Nevada Department of Transportation	Address (As shown on registration certificate) 1263 S. Stewart Carson City, NV 89712

3. For FAA Use Only

The technical data identified herein has been found to comply with applicable airworthiness requirements and is hereby approved for use only on the above described aircraft, subject to conformity inspection by a person authorized in § 43.7.

87

3 JANUARY 2006

Date

[Signature]
FAA Inspector, NM-FSDO-11

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.
Turbo Air Inc. 4000 S. Orchard St. Boise, Idaho 83705	<input type="checkbox"/> U.S. Certificated Mechanic	FZRR132E Radio 1&2 Airframe 1&3
	<input type="checkbox"/> Foreign Certificated 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 JAN 03, 2006	Signature of Authorized Individual <i>Bill [Signature]</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 ☒ APPROVED ☐ REJECTED

BY	FAA Flt. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection JAN 03, 2006		Certificate or Designation No. FZRR132E	Signature of Authorized Individual <i>Bill [Signature]</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 –
N711BV Cessna 551 S/N 0557 Dated: *JAN 03, 2006*

Installed:

NAT AA80-020 Intercom S/N 20481 (rightside) S/N20447 (leftside)

A dual intercom system was installed. The intercoms were mounted on the lower left and right instrument panels. The intercoms were connected to the avionics bus with 2-amp circuit breakers. The circuit breakers are labeled "Pilot ICS" and "Co-pilot ICS". The intercoms were installed in accordance with the manufactures installation manual, AA80 Intervox Intercom Systems service Manual Rev 1.1 April, 1991.

ICA Document # 12-05-711NV AA80

Other references used:

Electrical loads have been evaluated in accordance with Advisory Circular AC 43.13-1B, change 1, dated 27 September 2001., chapter 11, section 16, paragraphs 11-36 (determination of electrical loads) and were found to be within limits.

Wire used in the above installations conforms to M27500 or M22759/16 of the appropriate gauge as required by AC 43.13 1B, paragraph 11-76 and 77. Wire was installed in accordance with chapter 11 section 5, paragraphs 11-66 through 11-69; section 8, paragraph 11-96; section 9, paragraph 11-115 through 11-26; section 11, paragraph 11-146 through 11-147; and section 16, paragraphs 11-205 through 11-210.

The above installations meet the requirements for static loading in accordance with AC 43.13-2A chapter 1 Para. 2(d), and materials and methods were chosen and employed in accordance with AC 43.13-2A chapter 1 paragraphs 4 through 12.

Changes are entered in the aircraft equipment list records.

No change to the aircraft weight and balance.

No change to the wet compass readings.

=====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

WP-RS LL2

INSTRUCTIONS: Print or type all entries. See FAR 43.9 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).

1. Aircraft	Make Cessna	Model 551
	Serial No. 551-0557	Nationality and Registration Mark N711NV
2. Owner	Name (As shown on registration certificate) Nevada Department of Transportation	Address (As shown on registration certificate) 1263 So Stewart Carson City NV 89712

The data / alteration identified herein complies with the applicable FAA Use Only

worthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43.7.

APR 19 2002
Date

Larry L. Zloczewski
Assistant Principal Avionics Inspector WP-FSDO-25

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 Cessna Aircraft Company Sacramento Citation Service Center 5850 Citation Way Sacramento, CA 95837	B. Kind of Agency <input type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. CNQ4918C Radio Class 1,2 & 3 Limited Instrument, Limited Airframe
--	--	--

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 4-19-02	Signature of Authorized Individual Lawrence J. Taylor
------------------------	--

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	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 4/19/02		Certificate or Designation No. CNQ4918C	Signature of Authorized Individual Lawrence J. Taylor	

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.

B. Description of Work Accomplished

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

CESSNA/CITATION

N711NV

4-19-02

T.A.T. Hrs 6303.4

This alteration adds additional features to the existing Honeywell Business & General Aviation KMD-850 Multi-Function Display.

This installation is a follow-on of STC SA00975WI-D

The work scope consisted of the installation of the KMH-880 sensor. The previously installed KMD-850 Multi-function Display was interfaced for display of radar returns and GPS flight plan, terrain and traffic advisory have been added. Previous installations were completed on approved form 337 for the RDR-2000/KMD 850 Display on 3-09-01 and the traffic antennas were install on approved form 337, 10-26-01. The system receives baro-corrected altitude from the KLN-900.

The IHAS-8000 system was installed with the following publications and documents referenced for this installation: KMH 880 Hazard Awareness System Installation Manual, P/N 006-10609-0001, dated June 2001, rev. 1. FAA Advisory Circular A.C. 43-13-1B, A.C. 43.13-2A, chapter 1, 2 and 3 and 20-138. Cessna/Citation standard practices for electrical and airframe maintenance manual.

The following equipment was installed:

KMH-820 Multi Hazard Sensor	066-01175-2101	TSO C-118a,C-115a	F.S. 39.00
-----------------------------	----------------	-------------------	------------

FAA approved Flight Manual Supplement Dated APR 19 2002 was installed and must be readily available to the crew when system is in use.

Provided KMD-850/ KMH-880 Pilot Guide, P/N 006-18222-0000, Rev 2, dated Nov. 2001, 066-18273-0000, Rev. 0, dated Sept. 2001 which must be accessible to the crew during system operation.

Completed ground operational tests with satisfactory results I.A.W. manufacturers installation checkout procedures.

Electrical load analysis was performed and determined that load does not exceed 80% of the generators maximum continuous operating capacity per the approved Flight Manual.

Revised weight & balance, equipment list and wiring schematics.

Instructions for continuous airworthiness requires visual inspection and operational test IAW manufacturers recommendations and Part 43, appendix D, every Phase 1 inspection (24 calendar months or 300hrs).

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

SAC FSDO *WMA*

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).

1. Aircraft	Make Cessna	Model 551
	Serial No. 551-0557	Nationality and Registration Mark N711NV
2. Owner	Name (As shown on registration certificate) Nevada Department of Transportation	Address (As shown on registration certificate) 1263 So Stewart Carson City NV 89712

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.
Cessna Aircraft Company	<input type="checkbox"/> U.S. Certified Mechanic	CNQ4918C
Sacramento Citation Service Center	<input type="checkbox"/> Foreign Certified Mechanic	Radio Class 1, 2 & 3
5850 Citation Way	<input checked="" type="checkbox"/> Certificated Repair Station	Limited Instrument
Sacramento, CA 95837	<input type="checkbox"/> Manufacturer	Limited Airframe

Date 10/26/01	Signature of Authorized Individual Lawrence J. Taylor <i>Lawrence J. Taylor</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 ☒ APPROVED ☐ REJECTED

BY	FAA Flt. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	X Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 10/26/01		Certificate or Designation No. CNQ4918C	Signature of Authorized Individual Lawrence J. Taylor <i>Lawrence J. Taylor</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.

B. Description of Work Accomplished -

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

Reg. # N711NV
Ser. # 551-0557

Cessna / Citation

Acft. T.T.:6100.4
Date: 10/26/01

This alteration consisted of the installation of two antennas as provisions for the future installation of a Honeywell Integrated Hazard Avoidance System (IHAS 8000).

The antennas were installed in accordance with Cessna Drawings C108025 and C108026, the structural and damage tolerance for same was approved by Lauren J. Rezac, DERT-635774-CE an FAA form 8110-3 is attached. Wiring for the antennas was installed using standard practices from the Cessna 550/551 Maintenance and Wiring Diagram Manuals. Antenna details are as noted below.

Antenna KA-815, upper
Antenna KA-815, lower

P/N 071-01599-0100
P/N 071-01599-0100

TSO C147
TSO C147.

F.S. 156.5
F.S. 139.5

The aircraft weight and balance data and equipment list were revised. This system will be completed in the near future via an FAA field approved form 337. At this time the system is non-operational.

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

61P-25 442

INSTRUCTIONS: Print or type all entries. See FAR 43.9 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).

1. Aircraft	Make Cessna	Model 551
	Serial No. 551-0557	Nationality and Registration Mark N711NV
2. Owner	Name (As shown on registration certificate) Nevada Department of Transportation	Address (As shown on registration certificate) 1263 So Stewart Carson City NV 89712

3. For FAA Use Only

The data/alteration identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR

43.7
MAR 10 2001

Date

Larry L. Zloczewski

Assistant Principal Avionics Inspector

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 Cessna Aircraft Company Sacramento Citation Service Center 5850 Citation Way Sacramento, CA 95837	B. Kind of Agency <input type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input checked="" type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. CNQ4918C Radio Class 1,2 & 3 Limited Instrument, Limited Airframe
--	---	--

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 3-10-01	Signature of Authorized Individual Michael D. O'Kane
------------------------	---

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	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 3-10-01		Certificate or Designation No. CNQ4918C	Signature of Authorized Individual Lawrence J. Taylor	

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.

B. Description of Work Accomplished

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

CESSNA/CITATION

N711NV

3-09-01

T.A.T. Hrs 5847.3

This alteration is for the installation of a Honeywell Business & General Aviation KMD-850 Multi-Function Display and RDR-2000 Radar Receiver/Transmitter/Antenna assembly.

This installation is a follow-on of STC SA00920WI-D.

The work scope consisted of removal of the factory installed Primus 300 Radar System. All portions of the previous installation were removed. The KMD-850 Multi-function Display is interfaced for display of radar returns and GPS flight plan only at this time. The Honeywell KMD850/RDR-2000 system was installed with the following publications and documents referenced for this installation:

Honeywell KMD 550/850 Multi-function display installation manual, P/N 006-10608-0001, dated November 2000, rev. 1 and Honeywell RDR-2000 Color Weather Radar System installation manual, P/N 006-00643-0004, dated October 1995, Rev 4, FAA Advisory Circular A.C. 43-13-1B, A.C. 43.13-2A, chapter 1, 2 and 3, Cessna/Citation standard practices for electrical and airframe maintenance manual.

The following equipment was removed:

Radar R/T-3002	P/N MI-585222-1	F.S. 39.90
Radar Indicator, DI-2007	P/N MI-585277-4	F.S. 102.64
Antenna, AP-3001	P/NMI-585224-2	F.S. 25.00
Wave Guide	P/N TS641581	F.S. 32.70
R/T Tray	P/N 1719353-501E1	F.S.39.90

The following equipment was installed:

KMD-540 Display	P/N 066-04035-0201	TSO C113,C110a	F.S.103.60
Radar R/T, RDR-2000	P/N 071-01519-0101	TSO C63C	F.S.26.20
Antenna Array, AA2012V,	P/N 071-01549-0200	TSO C63c	F.S. 22.70
Configuration Module	P/N 071-00097-0100	C63a, C119a	F.S. 25.00

Provided Pilot's Handbook P/N 006-18222-0000, dated October 2000, Rev 0 and P/N 006-18235-0000, dated October 2000, Rev 0, which must be readily available to the crew when the system is in use.

Completed ground operational tests with satisfactory results I.A.W. manufacturers installation checkout procedures.

Electrical load analysis was performed and determined that load does not exceed 80% of the generators maximum continuous operating capacity per the approved Flight Manual.

Revised weight & balance, equipment list and wiring schematics.

Instructions for continuous airworthiness requires visual inspection and operational test IAW manufacturers recommendations and Part 43, appendix D, every Phase 1 inspection (24 calendar months or 300hrs).

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

SW17 12/10

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).

1. Aircraft	Make Cessna	Model 551
	Serial No. 551-0557	Nationality and Registration Mark N711NV
2. Owner	Name(As shown on registraion certificate) State of Nevada - Dept. of Transportation	Address(As shown on registration certificate) 1263 S. Stewart Street Carson City, NV 89712

3. For FAA Use Only

4. Unit Identification

5. Type

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 Lynn S. Jackson 621 Farel Circle Uvalde, TX 78801	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. A 467967900
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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 05/26/2000	Signature of Authorized Individual Lynn S. Jackson
--------------------	---

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 05/26/2000		Certificate or Designation No. 453922836 IA	Signature of Authorized Individual Herbert N. Radicke, Jr.	

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.)

AC total time: 5481.7

Performed miscellaneous interior refurbishment to Aircraft as follows:

Recovered all seating in leather and fabric. Fabricated sheepskin slip covers for pilot and copilot seats. Performed fireblocking procedures and testing on all cabin seating, reference Skandia Test plan # 6079, WO#, 48143-00, and approved FAA Form 8110-3 dated 05/25/00. All seat belts rewedded by Aircraft Belts, Inc., Kemah TX., FAA Repair station # YB1R632K. Had broken original Hydrolok seat actuator units on both pilot and copilot seats, pn SL4300-8, rebuilt by Aviation Fabricators Repair station # GVRR304K. Recovered cockpit and cabin arm ledges with leather and accent fabric. Installed 100% wool carpet. Fabricated protective vinyl carpet runner.

Recovered cabin door windlace. Replaced airstair step material. Reinstalled refurbished interior back in aircraft.

Aircraft conformity issues such as aisle width, emergency exit lighting, required placards and pocket for display of registration are in compliance with original aircraft certifications. All work accomplished in accordance with

Cessna Citation Maintenance Manual, and FAR part 43, AC 43.13-1B, AC 43.13-2A.

All materials used meet FAR 25.853(a) Appendix F, Part I (a)(1)(ii).

Materials used for interior refurbishment include:

Seat Leather/Arm ledges - Garrett Leather Corp., Berkshire, 845 Gunmetal, DL# 67110,

Ref. approved FAA form 8110-3 dated 04/17/00.

Seat Fabric/Accent Fabric - Design Tex, Inc., Coppice, 2237-801 Kangaroo,

Ref. approved FAA form 8110-3 dated 05/11/00.

Pilot/Copilot seating - Garrett Leather Corp., Sheepskin, 507 Auto Grey,

Ref. approved FAA form 8110-3 dated 05/12/00.

Carpet - Aircraft Interior Products, Inc., Vangaurd, Smoke Screen, roll #041827,

Ref. approved FAA form 8110-3 dated 04/25/00.

Vinyl Carpet Protector - Mosehart-Schleeter, Colorguard, Slate 363771,

Ref. approved FAA form 8110-3 dated 05/20/00.

Seat Belts - Aircraft Belts, Inc., Webbing color # 38

WEIGHT AND BALANCE: No change to weight and balance.

-----END-----



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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

01P-25 663

INSTRUCTIONS: Print or type all entries. See FAR 43.9 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).

1. Aircraft	Make Cessna	Model 551
	Serial No. 551-0557	Nationality and Registration Mark N711NV
2. Owner	Name (As shown on registration certificate) Nevada Department of Transportation	Address (As shown on registration certificate) 2163 So Stewart Carson City Nv 89712

3. For FAA Use Only

The data / alteration identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43.7.

JAN 25 2000

Date

Larry L. Zloczewski

Assistant Principal Avionics Inspector W-1 SDO-25

Unit Identification

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 Cessna Aircraft Company Sacramento Citation Service Center 5850 Citation Way Sacramento, CA 95837	B. Kind of Agency <input type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. CNQ4918C Radio Class 1,2 & 3 Limited Instrument, Limited Airframe
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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 1-21-2000	Signature of Authorized Individual Michael D. O'Keefe
--------------------------	--

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	Inspection Authorization	Other (Specify)
	FAA Designee	X Repair Station	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection MARCH 6, 2000	Certificate or Designation No. CNQ4918C	Signature of Authorized Individual Lawrence J. Taylor
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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.

B. Description of Work Accomplished

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

CESSNA/CITATION

N711NV

21 January 2000

T.A.T. Hrs 5398.6

This installation a follow-on of the AlliedSignal Aerospace KLN-900 Global Positioning System to STC SA00440WI-D. This system is limited to IFR use for en-route, terminal and non precision approach.

This installation was accomplished utilizing the AlliedSignal KLN-900 Installation manual, P/N 006-15533-0000, dated January 1999, rev. 5 and drawing number 408471. FAA Advisory Circular A.C. 20-138, A.C. 43.13-2A, chapter 1, 2 and 3. Cessna/Citation standard practices for electrical and airframe maintenance manual. Upper GPS antenna mounted in pressurized area was installed IAW Cessna Factory data provided on drawing 9623023.

The installation was comprised of removing the UNS-1 System and interfacing the KLN-900 into the aircraft wiring up to the Ledex switching unit. The existing B & D TAS computer was Modified by the Vendor to provide serial 429 TAS output. The TSO of this computer did not change, part number change was from 2600-200 A030, to P/N 2600-200-A530.

The following equipment was removed:

UNS 1 NCU	P/N 1180	F.S. 469.50
UNS Control Display	P/N 1010	F.S. 121.50
Omega Sensor	P/N 1030-2	F.S. 465.10
Omega Antenna	P/N 10300	F.S. 542.80
Racks & Cables		F.S. 467.00

The following equipment was installed:

KLN-900 CDU	P/N 066-04034-0204	TSO C129, A1	F.S. 121.50
KA-90 HSI Adapter	P/N 071-01508-0200	TSO C60b	F.S. 469.50
KA-92 Antenna	P/N 071-01553-0200	TSO C129	F.S. 157.00
KCM-100 Configuration Module	P/N 071-00073-5000	PMA	F.S. 469.50

Installed FAA approved Flight Manual Supplement dated JAN 25 2000.

Provided Pilot's Hand Book P/N 006-08796-0000, dated January 1999, Rev 2. Which must be readily available to the crew when KLN 900 is in use.

Completed ground operational tests with satisfactory results per mfg. installation checkout procedures.

Electrical load analysis was performed and determined the load does not exceed 80% of the generators maximum continuous operating capacity per the approved Flight Manual.

Revised Weight & Balance, equipment list and Avionics wiring schematics

No additional continuous airworthiness periodic inspection is required on this equipment. Periodic maintenance as listed in the manufacturers installation manual fall into the existing categories of the approved

Continuous Airworthiness Inspection Program in effect for this aircraft.

Performed VHF Communication harmonic interference test on frequencies with normal operations noted per A.C 20-138.

This installation is not approved for navigation until a functional flight evaluation has been successfully accomplished to verify accuracy.

ACCURACY TEST ACCOMPLISHED ON 3-6-00 BY Gordon Smith CERTIFICATE TYPE
AND NUMBER CRS# CNR 498RC IN ACCORDANCE WITH ACCURACY DATA SHEET DATED.

☐ Additional Sheets Are Attached

FLIGHT TEST REPORT

Flight Data Evaluation for IFR nonprecision approach approval.

Equipment Mfg. **ALLIED SIGNAL** GPS Model KLN900

Serial Number 3045

Software Rev. 04/01

A/C Model 551

A/C Serial Number 557 Reg. N711NV

All flights were flown at 130kts I.A.S. 100' AGL per AC 20-130A.

P=Pass F=Fail N/A = not applicable

- A. P Evaluate all operating modes of the equipment.
- B. P Examine interface of the other equipment.
- C. P Review failure modes and associated annunciations.
- D. P Evaluate steering response with autopilot coupled.
- E. P Evaluate instrument interface with HSI, CDI, etc.
- F. P Assess all switching and transfer functions including high power electrical loads and electrical bus switching.
- G. P Evaluate EMI & RFI on VHF frequencies 121.15, 121.17, 121.20, 131.25, 131.27 and 131.3
- H. P Evaluate accessibility of equipment controls.
- I. P Evaluation of visibility of displays and annunciators. No distracting glare or reflections.
- J. P Analysis of crew workload.
- K. P Accuracy should be verified by conducting at least 3 (three) low-level overflights of published runway thresholds.

	Reference coordinates			Actual	Error
KSMF-16R	N38-42.44	W121-36.06	N38-42.43	W121-36.06	.01
KSMF-16R	N38-42.44	W121-36.06	N38-42.42	W121-36.06	.02
KSMF-16R	N38-42.44	W121-36.06	N38-42.44	W121-36.06	.00
KMYV-14	N39-06.29	W121-34.47	N39-06.29	W121-34.47	.00
KMYV-14	N39-06.29	W121-34.47	N39-06.29	W121-34.49	.02

Maximum recorded error .02

- M. P Verify continuity of navigation data during normal aircraft maneuvers, including 30 degree bank turns for one minute.

- M. P For equipment approved for approach, conduct at least 3(three) published instrument approaches (retrieved from the data base to verify proper operation).

Approaches accomplished at:

KSMF RWY 16R

Results: Passed

KMYV RWY 14

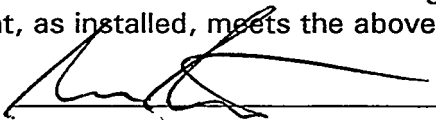
Results: Passed

KMYV RWY 14

Results: Passed

I certify that the above recorded test flight information is correct and that the GPS equipment, as installed, meets the above listed performance information.

Signature



Cert. No.

CNA 4918C

Date:

3-6-2000

RECEIVED
MAR 08 2000
SACRAMENTO
FSDO



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

WP 25

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).

1. Aircraft	Make Cessna	Model 551
	Serial No. 551-0557	Nationality and Registration Mark N711NV
2. Owner	Name (As shown on registration certificate) Nevada Department of Transportation	Address (As shown on registration certificate) 1263 So. Stewart Carson City, NV 89712

The data/alteration identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43, section 43.7.

3. For FAA Use Only

10-12-95
Date

Ray G. Hutto
Signature of FAA Inspector

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 The Cessna Aircraft Company Sacramento Citation Service Center 5850 Citation Way Sacramento, CA 95837	B. Kind of Agency <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. NE3R707L
--	--	---------------------------------------

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 October 11, 1995	Signature of Authorized Individual <i>Lawrence J. Taylor</i> Lawrence J. Taylor
---------------------------------	--

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	Inspection Authorization	Other (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection October 11, 1995		Certificate or Designation No. NE3R707L	Signature of Authorized Individual <i>Lawrence J. Taylor</i> Lawrence J. Taylor	

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.)

N711NV

CITATION S/N 551-0557

AIRCRAFT TT: 3605.0 HRS

DATE: 10-11-95

Installed Whelan wing tip strobe and position light assemblies, with power supplies, as a follow-on to STC ST22B0, Amendment date February 3, 1995. This STC as issued does not include model 551 aircraft, but model 550 and 551 are identical with respect to exterior lighting, switching and wiring for same. Installation was accomplished in accordance with Whelan Engineering Drawings 90159, Revision E, and 90101, Revision J; and forms 6-30-92/1, dated September 30, 1992, and 6-10-93/1, dated June 10, 1993. Weight change negligible. Performed a satisfactory check of all exterior lighting.

----- END -----

☐ Additional Sheets Are Attached

United States of America
 Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number ST22BO

This certificate, issued to

Whelen Engineering Company
 Route 145, Winthrop Road
 Chester, Connecticut 06412-0684

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part - 25 of the Federal Aviation Regulations.

Original Product — Type Certificate Number: A22CE

Make: Cessna Aircraft Company

Model: 550, S550, and 560

Description of Type Design Change:

Replacement of the Grimes power supply P/N 60-2799-1 and position light P/N's 30-1085-15/-16 with Whelen power supply P/N 01-0790101-04 and position light P/N's 01-790159-01/-02 and -03/-04, respectively, in accordance with Whelen Engineering Drawings 90159, Revision E, & 90101, Revision J; and Forms 6-30-92/1, dated September 30, 1992, & 6-10-93/1, dated June 10, 1993; or later FAA-approved revisions.

Limitations and Conditions:

Compatibility of this design with previously approved modifications must be determined by the installer.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application June 17, 1993

Date issued:

Date of issuance: October 27, 1994

Date amended: February 3, 1995



By direction of the Administrator

Ronald L. Vavruska
 (Signature)

Ronald L. Vavruska
 Manager, Boston Aircraft Certification Office

(Title)

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

ATT: KEV
 KANJOLA
 916-929-0127

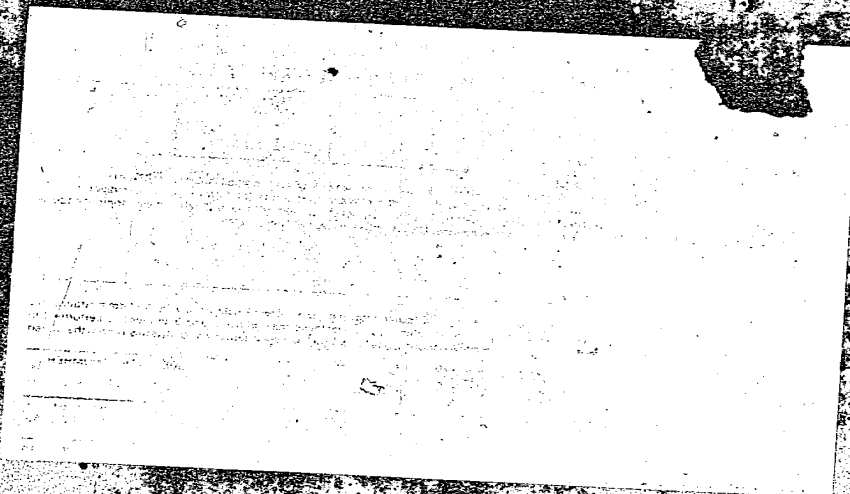
11-11-11

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION			
STANDARD AIRWORTHINESS CERTIFICATE			
1 NATIONALITY AND REGISTRATION MARKS	2 MANUFACTURER AND MODEL	3 AIRCRAFT SERIAL NUMBER	4 CATEGORY
N711NV	CESSNA 551	551-0557	TRANSPORT
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 maintenance, preventative 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.			
REPLACEMENT 8-13-87	FAA REPRESENTATIVE W. O. SCOTT	DESIGNATION NUMBER WP-PSDO-19	
Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.			
FAA Form 8100-2 (6-82)			

FAA AIRCRAFT REGISTRY
CAMERA NO. 1

DATE:

11-3-90



No certificate may be issued unless a completed application form has been received (14 C.F.R.-21)

Form Approved
O.M.B. No. 04-R0056

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		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 an attachment. For special flight permits complete Sections II and VI or VII as applicable.			
APPLICATION FOR AIRWORTHINESS CERTIFICATE					
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK	2. AIRCRAFT BUILDER'S NAME (Make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFG	FAA CODING
	N1298C	CESSNA	551	1987	2076605
	5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (Make)	7. ENGINE MODEL DESIGNATION		
	551-0557	Pratt/Whitney	JT15D-4	52112	
	8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (Make)	10. PROPELLER MODEL DESIGNATION	11. AIRCRAFT IS:	
	2	N/A	N/A	NEW <input checked="" type="checkbox"/> USED <input type="checkbox"/> IMPORT <input type="checkbox"/>	
II. CERTIFICATION REQUESTED	APPLICATION IS HEREBY MADE FOR: (Check applicable items)				
	A. <input checked="" type="checkbox"/> STANDARD AIRWORTHINESS CERTIFICATE (Indicate category) <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> UTILITY <input type="checkbox"/> ACROBATIC <input type="checkbox"/> TRANSPORT <input type="checkbox"/> GLIDER <input type="checkbox"/> BALLOON				
	B. <input type="checkbox"/> SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)				
	2. LIMITED				
	5. PROVISIONAL (Indicate class)				
	3. RESTRICTED (Indicate operation to be conducted)				
	4. EXPERIMENTAL (Indicate operation(s) to be conducted)				
	SPECIAL FLIGHT PERMIT (Indicate operation to be conducted; then complete Section VI or VII as applicable on reverse side)				
	1. CLASS I				
	2. CLASS II				
III. OWNER & CERTIFICATION	A. REGISTERED OWNER (As shown on certificate of aircraft registration)				
	NAME: WELLINGTON ENTERPRISES, INC.				
	ADDRESS: 2316 Baynard Boulevard Wilmington, DE 19802				
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)				
	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) A27CE Rev. 11				
	AIRCRAFT LISTING (Give page number(s)) N/A				
	AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.) 87-10-01				
	SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) N/A				
	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS				
	CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.175 <input checked="" type="checkbox"/> TOTAL AIRFRAME HOURS (Enter for used aircraft only) 21.1 <input checked="" type="checkbox"/> EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed)				
D. CERTIFICATION — I hereby certify that I am the owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration 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 airworthiness certificate requested.					
DATE OF APPLICATION: July 29 1988 NAME AND TITLE (Print or type): Ken Beckwith Quality Control Manager SIGNATURE: Ken L. Beckwith					
IV. INSPECTION AGENCY VERIFICATION	A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183 (d) applies)				
	2. FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.) 3. CERTIFICATED MECHANIC (Give Certificate No.) 4. CERTIFICATED REPAIR STATION (Give Certificate No.) 322-10				
	B. AIRCRAFT MANUFACTURER (Give name of firm)				
	DATE: July 29 1988 TITLE: Quality Control Manager SIGNATURE: Ken L. Beckwith				
V. FAA REPRESENTATIVE CERTIFICATION	(Check ALL applicable blocks in items A and B)				
	A. I find that the aircraft described in Section I or VII meets requirements for:				
	B. Inspection for a special flight permit under section VII was conducted by:				
	DATE: 8/1/88 DISTRICT OFFICE: CE-64 ICT DESIGNEE'S SIGNATURE AND NO.: 1 SIGNATURE: Stuart L. Martin				

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER		
	NAME		ADDRESS
	B. PRODUCTION BASIS (Check applicable item)		
	<input type="checkbox"/> PRODUCTION CERTIFICATE (Give production certificate number) <input type="checkbox"/> TYPE CERTIFICATE ONLY <input type="checkbox"/> APPROVED PRODUCTION INSPECTION SYSTEM		
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS			SIGNATURE
DATE OF APPLICATION		NAME AND TITLE (Print or type)	
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT		
	REGISTERED OWNER		ADDRESS
	BUILDER (Make)		MODEL
	SERIAL NUMBER		REGISTRATION MARK
	B. DESCRIPTION OF FLIGHT		
	FROM		TO
	VIA		DEPARTURE DATE
			DURATION
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT		
	<input type="checkbox"/> PILOT <input type="checkbox"/> CO-PILOT <input type="checkbox"/> NAVIGATOR <input type="checkbox"/> OTHER (Specify)		
D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:			
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)			
F. CERTIFICATION — 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 Administration 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 for the flight described.			
DATE		SIGNATURE	
VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)	<input checked="" type="checkbox"/> A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable		G. Statement of Conformity, FAA Form 8130-9 (Attach when required)
	<input type="checkbox"/> B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)
	<input type="checkbox"/> C. Data, Drawings, Photographs, etc. (Attach when required)		I. Previous Airworthiness Certificate Issued in Accordance with FAR 21.183 (a) CAR (Original attached)
	<input checked="" type="checkbox"/> D. Current Weight and Balance Information Available in Aircraft		J. Current Airworthiness Certificate Issued in Accordance with FAR 21.183 (d) (Copy attached)
	<input checked="" type="checkbox"/> E. Major Repair and Alteration, FAA 337 (Attach when required)		
	<input checked="" type="checkbox"/> F. This Inspection Recorded in Aircraft Records		

JH4

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	
				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 550	
	SERIAL NO. 550-0557			NATIONALITY AND REGISTRATION MARK USA N1298C	
2. OWNER	NAME (As shown on registration certificate) WELLINGTON ENTERPRISES, INC.			ADDRESS (As shown on registration certificate) 2316 Baynard Boulevard Wilmington, DE 19802	
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.
CESSNA AIRCRAFT COMPANY, CMD Repair Station 322-10 P.O. Box 7706 Wichita, Kansas 67277			U.S. CERTIFICATED MECHANIC		322-10
			FOREIGN CERTIFICATED MECHANIC		
			<input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION		
			MANUFACTURER		
D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
DATE July 29, 1988			SIGNATURE OF AUTHORIZED INDIVIDUAL Ken L. Beckwith Quality Control Manager		
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		OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO. 322-10		SIGNATURE OF AUTHORIZED INDIVIDUAL Ken L. Beckwith	

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.)

Install Parker Hannifin Corp. Freon Air Conditioning System in accordance with Supplemental Type Certificate Number SA2698W - Added Air Conditioning Supplement to the aircraft Flight Manual.

Converted Citation Model 550 Serial #0557 to Model 551 Serial #0557 I/A/W Cessna SB550-11-3, Revision 4. This aircraft meets conformity requirements for type certificate A27CE Revision 11 - aircraft Flight Manual revised.

Revised aircraft Weight & Balance.

-----END-----

☐ ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION APPLICATION FOR AIRWORTHINESS CERTIFICATE				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 an attachment. For special flight permits complete Sections II and VI or VII as applicable.	
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N1298C	2. AIRCRAFT BUILDER'S NAME (make) Cessna	3. AIRCRAFT MODEL DESIGNATION 550	4. YR. MFG. 1978	FAA CODING 2076604
	5. AIRCRAFT SERIAL NO. 550-0557	6. ENGINE BUILDER'S NAME (make) P&WC	7. ENGINE MODEL DESIGNATION JT15D-4		52112
	8. NUMBER OF ENGINES Two	9. PROPELLER BUILDER'S NAME (make) N/A	10. PROPELLER MODEL DESIGNATION N/A		11. AIRCRAFT IS: <input checked="" type="checkbox"/> DOMESTIC <input checked="" type="checkbox"/> EXPORT <input type="checkbox"/> IMPORT
	APPLICATION IS HEREBY MADE FOR: (Check applicable items)				
II. CERTIFICATION REQUESTED	A. <input checked="" type="checkbox"/> STANDARD AIRWORTHINESS CERT. (Indicate category) <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> UTILITY <input type="checkbox"/> ACROBATIC <input checked="" type="checkbox"/> TRANSPORT <input type="checkbox"/> GLIDER <input type="checkbox"/> BALLOON				
	B. <input type="checkbox"/> SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)				
	2. LIMITED				
	5. PROVISIONAL (Indicate class)	1. CLASS I			
		2. CLASS II			
	3. RESTRICTED (Indicate operation(s) to be conducted)	1. AGRICULTURE & PEST CONTROL	2. AERIAL SURVEYING	3. AERIAL ADVERTISING	
		4. FOREST (Wild life conservation)	5. PATROLLING	6. WEATHER CONTROL	
		0. OTHER (Specify)			
	4. EXPERIMENTAL (Indicate operation(s) to be conducted)	1. RESEARCH AND DEVELOPMENT	2. AMATEUR BUILT	3. EXHIBITION	
		4. RACING	5. CREW TRAINING	6. MKT. SURVEY	
III. OWNER'S CERTIFICATION	C. <input type="checkbox"/> SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)				
	C. <input checked="" type="checkbox"/> MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)				
	A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) IF DEALER, CHECK HERE <input checked="" type="checkbox"/>				
	NAME Cessna Aircraft Company		ADDRESS West K-42 Highway, P.O. Box 7704 Wichita, Kansas 67277		
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)				
	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) A22CE Rev. 24		AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest ID No.) 87-10		
	AIRCRAFT LISTING (Give page No.) N/A		SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) N/A		
	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS				
	CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173 <input checked="" type="checkbox"/>		TOTAL AIRFRAME HOURS—Enter for used aircraft only 7.4		3. EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed N/A
	D. CERTIFICATION—I hereby certify that I am the owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 301 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 airworthiness certificate requested.				
DATE OF APPLICATION 8-13-87		NAME AND TITLE (Print or type) Don Van Burkleo, Director, Quality and Reliability			
SIGNATURE <i>Don Van Burkleo</i>					
IV. INSPECTION AGENCY VERIFICATION	A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183 (d) applies)				
	2. FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.)	3. CERTIFICATED MECHANIC (Give Certificate No.)	6. CERTIFICATED REPAIR STATION (Give Certificate No.)		
	5. AIRCRAFT MANUFACTURER (Give Name of Firm)				
DATE		TITLE		SIGNATURE	
V. FAA REPRESENTATIVE CERTIFICATION	(Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: <input checked="" type="checkbox"/> The certification requested, or <input type="checkbox"/> Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: <input type="checkbox"/> FAA Inspector; certificate holder under <input type="checkbox"/> FAR 65, <input type="checkbox"/> FAR 121 or 127, or <input type="checkbox"/> FAR 145.				
	DATE 8-13-87	DISTRICT OFFICE ICT MIDO	DESIGNEE'S SIGNATURE AND NO. <i>Franklin M. Crawford</i> 3028		FAA INSPECTOR'S SIGNATURE
	OMIR CE-1				

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER		
	NAME		ADDRESS
	B. PRODUCTION BASIS (Check applicable item)		
	<input type="checkbox"/> PRODUCTION CERTIFICATE (Give production certificate number) <input type="checkbox"/> TYPE CERTIFICATE ONLY <input type="checkbox"/> APPROVED PRODUCTION INSPECTION SYSTEM		
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:			
DATE OF APPLICATION		NAME AND TITLE (Print or type)	SIGNATURE
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT		
	REGISTERED OWNER		ADDRESS
	BUILDER (Make)		MODEL
	SERIAL NUMBER		REGISTRATION MARK
	B. DESCRIPTION OF FLIGHT		
	FROM		TO
	VIA		DEPARTURE DATE
			DURATION
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT		
	<input type="checkbox"/> PILOT <input type="checkbox"/> CO-PILOT <input type="checkbox"/> NAVIGATOR <input type="checkbox"/> OTHER (Specify)		
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:		
	E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)		
F. CERTIFICATION —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 Administration 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 for the flight described.			
DATE		NAME AND TITLE (Print or type)	SIGNATURE
VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)	<input checked="" type="checkbox"/>	A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable	G. Statement of Conformity, FAA Form 317 (Attach when required)
	<input type="checkbox"/>	B. Current Operating Limitations Attached	H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)
	<input type="checkbox"/>	C. Data, Drawings, Photographs, etc. (Attach when required)	I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ (Original attached)
	<input checked="" type="checkbox"/>	D. Current Weight and Balance Information Available in Aircraft	J. Current Airworthiness Certificate Issued in Accordance with FAR 21.183a or 21.273 (Copy attached)
	<input type="checkbox"/>	E. Major Repair and Alteration, FAA 337 (Attach when required)	
	<input checked="" type="checkbox"/>	F. This Inspection Recorded in Aircraft Records	

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N1298C	CESSNA 551	551-0557	TRANSPORT

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 hereof, 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.

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 maintenance, preventative 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.

REPLACEMENT 8-13-87	FAA REPRESENTATIVE <i>Glenn L. Martin</i> GLENN L. MARTIN	DESIGNATION NUMBER ACE-FSDO-64
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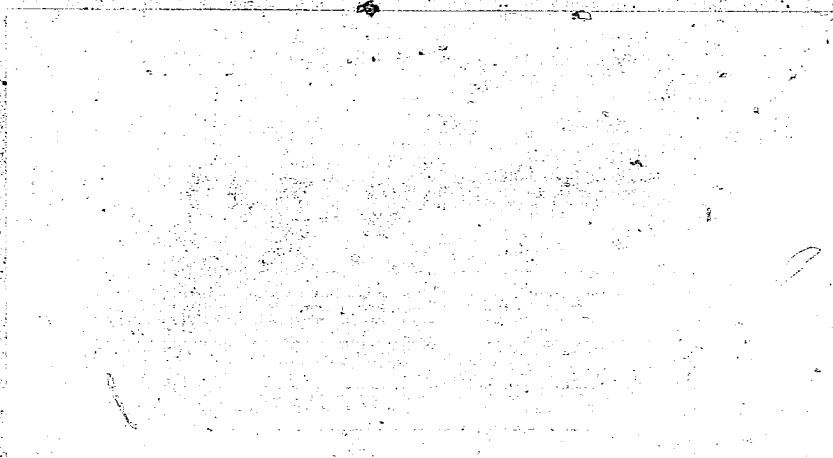
Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (8-82)

GPO 822-R04

FAA AIRCRAFT REGISTRY

CAMERA NO. 2N DATE: 12-28-89



DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION			
STANDARD AIRWORTHINESS CERTIFICATE			
1. NATIONALITY AND REGISTRATION MARKS N1298C	2. MANUFACTURER AND MODEL Cessna 550	3. AIRCRAFT SERIAL NUMBER 550-0557	4. CATEGORY Transport
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 maintenance, preventive 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 8-13-87		DESIGNATION NUMBER DMIR CE-3028	
Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.			

FAA Form 8100-2 (7-67) FORMERLY FAA FORM 1362

FAA AIRCRAFT REGISTRY
CAMERA NO. 2N

DATE: 12-28-89

DEPARTMENT OF TRANSPORT
CERTIFICATE OF AIRWORTHINESS
FOR EXPORT



MINISTÈRE DES TRANSPORTS
CERTIFICAT DE NAVIGABILITÉ
POUR EXPORTATION

Number YZX-1052
Numéro -----

The Department of Transport, Canada, having regard to the Reports furnished to it, issues this Certificate of Airworthiness for Export in respect of the Aircraft/Engine identified below and more particularly described in the type approval* and specifications and certifies that, on the date of issue of this certificate, the Aircraft/Engine was considered airworthy and in compliance with the pertinent Aircraft/Engine type Approval except as may be noted below.

Le Ministère des Transports du Canada, prenant connaissance des rapports qui lui ont été soumis, délivre le présent certificat de navigabilité pour exportation pour l'aéronef/moteur mentionné ci-dessous et plus particulièrement décrit dans l'homologation de type* et les spécifications, et certifie que, à la date de délivrance de ce certificat, l'aéronef/moteur était considéré navigable et en conformité avec l'homologation de type pertinent, excepté comme indiqué ci-dessous. Ce certificat ne constitue pas une autorité d'exploiter un aéronef.

For export to: UNITED STATES OF AMERICA
Pour exportation à: -----

Product is: ☒ New ☐ Used
Appareil: ☒ Neuf ☐ Usagé

Aircraft Manufacturer:
Constructeur de l'aéronef: N/A

Aircraft Model:
Modèle de l'aéronef: N/A

Aircraft Serial No.
No de série de l'aéronef: N/A

Type Approval No.*
No d'homologation de type*: E-11

Engine Manufacturer:
Constructeur du moteur: PRATT & WHITNEY AIRCRAFT OF CANADA LTD.

Engine Model:
Modèle du moteur: JT15D-4

Engine Serial No.(s):
No(s) de série du(des) moteur(s): PCE-71440

Exceptions:

Remarks: Observations:

The engine covered by this certificate has been examined and found to comply with U.S. Federal Aviation Regulation Part 33, dated February 1, 1965, including Amendments 33-1 through 33-3, and conforms to U.S. Type Certificate Data Sheet No. E25EA and is in condition for safe operation and has been subjected by the manufacturer to a final operation check.

Dated at TORONTO, ONTARIO.

Date à -----

This 30th Day of April 87
Le 30th Jour de April 87

G. GERRIE FOR

Minister of Transport - Ministre des Transports

*Copies of the applicable Type Approval are available on request from the Department of Transport, Ottawa, K1A 0N8, Canada.

26-0037 (10-78)

*Copies d'homologation de type sont disponibles sur demande au Ministère des Transports, Ottawa, K1A 0N8 Canada.

FAA AIRCRAFT REGISTRY
CAMERA NO. 2N

DATE: 12-28-89

DEPARTMENT OF TRANSPORT
CERTIFICATE OF AIRWORTHINESS
FOR EXPORT



MINISTÈRE DES TRANSPORTS
CERTIFICAT DE NAVIGABILITÉ
POUR EXPORTATION

Number YZX-1054
Numéro

The Department of Transport, Canada, having regard to the Reports furnished to it, issues this Certificate of Airworthiness for Export in respect of the Aircraft/Engine identified below and more particularly described in the type approval* and specifications and certifies that, on the date of issue of this certificate, the Aircraft/Engine was considered airworthy and in compliance with the pertinent Aircraft/Engine type Approval except as may be noted below.

Le Ministère des Transports du Canada, prenant connaissance des rapports qui lui ont été soumis, délivre le présent certificat de navigabilité pour exportation pour l'aéronef/moteur mentionné ci-dessous et plus particulièrement décrit dans l'homologation de type* et les spécifications, et certifie que, à la date de délivrance de ce certificat, l'aéronef/moteur était considéré navigable et en conformité avec l'homologation de type pertinente, excepté comme indiqué ci-dessous. Ce certificat n'constitue pas une autorité d'exploiter un aéronef.

For export to: Pour exportation à:	UNITED STATES OF AMERICA	Product is: Appareil:	<input checked="" type="checkbox"/> New Neuf	<input type="checkbox"/> Used Usagé
Aircraft Manufacturer: Constructeur de l'aéronef:	N/A			
Aircraft Model: Modèle de l'aéronef:	N/A			
Aircraft Serial No. No de série de l'aéronef:	N/A			
Type Approval No.* No d'homologation de type:	E-11			
Engine Manufacturer: Constructeur du moteur:	PRATT & WHITNEY AIRCRAFT OF CANADA LTD.			
Engine Model: Modèle du moteur:	JT15D-4			
Engine Serial No.(s): No(s) de série du(des) moteur(s):	PCE-71442			

Exceptions:

Remarks: Observations:

The engine covered by this certificate has been examined and found to comply with U.S. Federal Aviation Regulation Part 33 dated February 1, 1965, including Amendments 33-1 through 33-3, and conforms to U.S. Type Certificate Data Sheet No. E25EA and is in condition for safe operation and has been subjected by the manufacturer to a final operation check.

Dated at TORONTO, ONTARIO
Daté à

G. GERRIE FOR

This 30th Day of April 1987
Le 30th Jour de April 1987

Minister of Transport - Ministre des Transports

*Copies of the applicable Type Approval are available on request from the Department of Transport, Ottawa, K1A 0N8, Canada.
26-0027 (10-78)

*Copies d'homologation de type sont disponibles sur demande au Ministère des Transports, Ottawa, K1A 0N8 Canada.

FAA AIRCRAFT REGISTRY
CAMERA NO. 21/DATE: 12-28-89

DATE 7-29-88

Federal Aircraft Registry

P.O. Box 25082

Oklahoma City, Oklahoma 73125

Dear Sirs:

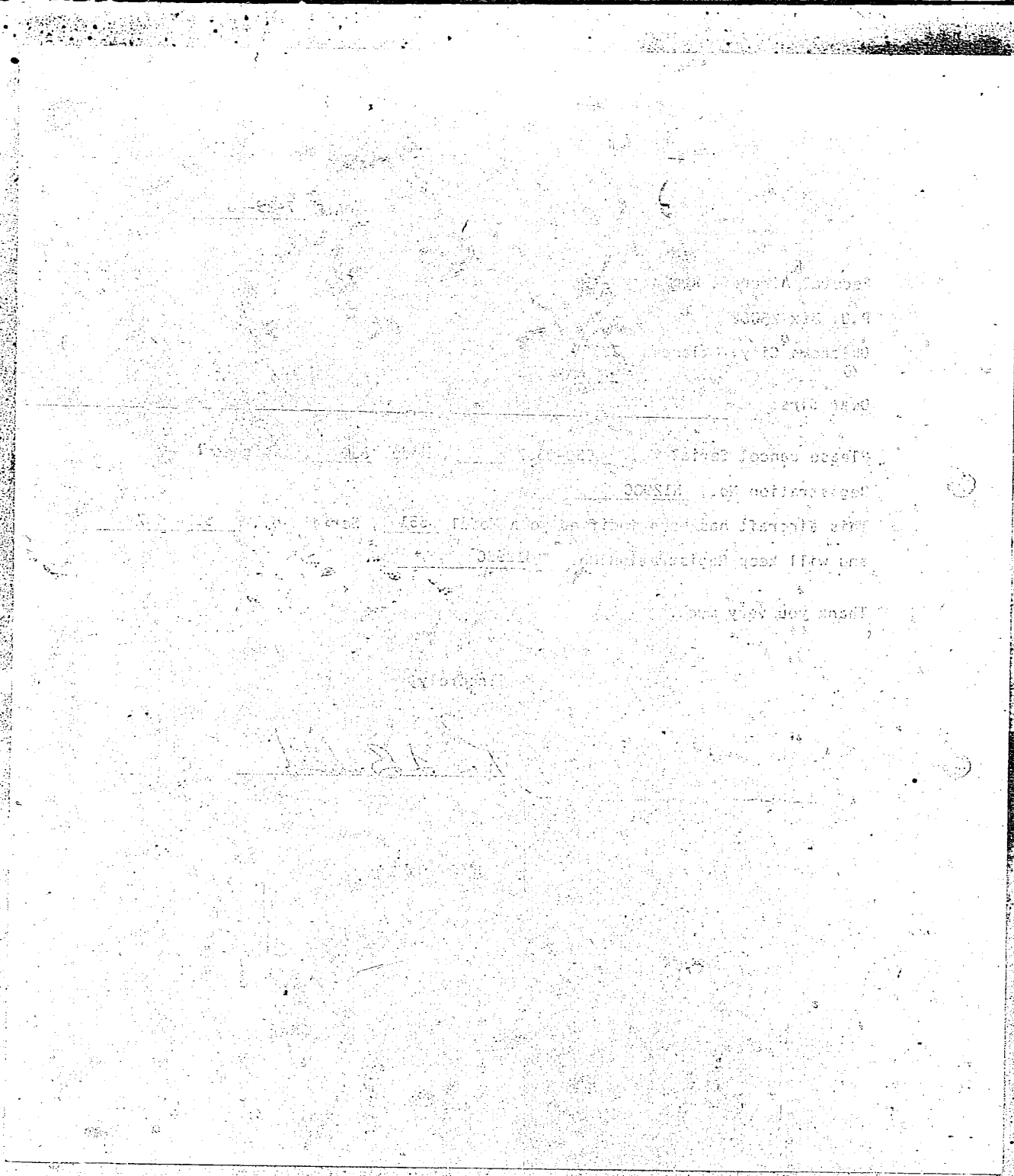
Please cancel Serial No., 550-0557, Model 550, assigned
Registration No., N1298C.

This aircraft has been modified to a Model 551, Serial No., 551-0557
and will keep Registration No., N1298C.

Thank you very much.

Sincerely,

Tom L. Beckwith



UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N1298C	CESSNA 551	551-0557	TRANSPORT

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 B 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 maintenance, preventative 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 EXPIRATION 8-13-87	FAA REPRESENTATIVE <i>Glenn L. Martin</i> GLENN L. MARTIN	DESIGNATION NUMBER ACE-FSDO-64
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Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (8-82)

GPO 592-804

FAA AIRCRAFT REGISTRY
CAMERA NO. 1

DATE: 10-6-88