



U.S. Department
of Transportation
Federal Aviation
Administration

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

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

Electronic Tracking Number

For FAA Use Only

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

1. Aircraft	Nationality and Registration Mark N595TC	Serial No. 20005	
	Make COMMANDER	Model 114TC	Series
2. Owner	Name (As shown on registration certificate) Neal Clayton	Address (As shown on registration certificate) 104 San Mateo Drive Allen, TX 75013 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 Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 USA	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"/> Certified Maintenance Organization
	C. Certificate No. RS # 5ECR951Y Select Avionics

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 Jerry Huntley 24-July-2017
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7. Approval for Return to Service

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

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

Certificate or Designation No. 5ECR951Y	Signature/Date of Authorized Individual Jerry Huntley 24-July-2017
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NOTICE

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

8. Description of Work Accomplished

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

N595TC

Jul-24-2017

Nationality and Registration Mark

Date

1. Removed the following equipment:
King KT 74 Transponder P/N 89000007-002001
2. Installed the following equipment:
Garmin GTX 345 Transponder P/N 011-03302-00
3. Garmin GTX 345 Installation was done as per STC SA01714WI. All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-1B/2B. The following manuals were used for reference: Garmin GTX 345 Installation Manual P/N 190-00734-10 Rev 8 September 2016.
4. Recomputed Weight and Balance and entered into aircraft records.
5. All wiring meets requirements of AC 43.13-1B chapter 11. Wiring was routed and secured as per AC 43.13-1B chapter 11. Circuit protection was used as per AC 43.13-1B chapter 11. Electrical load does not exceed limits as per AC 43.13-1B chapter 11. Wiring also meets requirements of AC 43.13-2B chapter 2. All installed equipment was checked for EMI interference as per AC 43.13-1B chapter 11. All effected systems were tested accordingly to show compliance with 14 CFR 23.1301.
6. FAA Approved Flight Manual Supplement for the GTX 345 P/N 190-00734-15 Rev 2 March 2016 has been provided to the aircraft owner/operator and must be on board the aircraft for this installation.
7. The aircraft/appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.

-----END-----

☐ ADDITIONAL SHEETS ARE ATTACHED



US Department
of Transportation
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 USA N595TC	Serial No. 20005	
	Make COMMANDER AIRCRAFT CO.	Model 114TC	Series
2. Owner	Name (As shown on registration certificate) CLAYTON, ROBERT, NEAL	Address (As shown on registration certificate) Address 104 SAN MATEO CT City ALLEN State TX Zip 75013-3679 Country USA	

3. For FAA Use Only

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

Robert D. Smith
Aviation Safety Inspector ACE-FSDO-19

7/19/2016
Date

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	COMMANDER AIRCRAFT CO	(As described in Item 1 above)	20005
<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 ANDREAS M. MONTGOMERY		<input checked="" type="checkbox"/> U.S. Certificated Mechanic	Manufacturer
Address 195 COUNTY ROAD		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City ATHENS State TN		<input type="checkbox"/> Certificated Repair Station	3450751
Zip 37303 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 <i>Robert D. Smith</i> 7/19/2016
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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	Inspection Authorization	Other (Specify)

Certificate or Designation No. 3450751	Signature/Date of Authorized Individual <i>Robert D. Smith</i> 7/19/2016
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NOTICE

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

8. Description of Work Accomplished

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

USA

N595TC

Nationality and Registration Mark

Date

INSTALLED ROCKY TOP LEASING, INC. FW15001 AIR-CONDITIONER SYSTEM IN ACCORDANCE WITH THE FOLLOWING APPROVED DATA:

LIBERTY PARTNERS, INC. REPORT LP-ER 1055 DATED 01/14/2016. ALL DATA APPROVED BY THOMAS W. McTIGUE, STRUCTURAL DER ON 01/18/2016. FAA FORM 8110-3 ATTACHED.

DRAWING RTL 114TC-20005 REV (I/R) DATED 12/18/2015. DATA APPROVED BY PAUL L. SMITH, ELECTRICAL DER ON 01/11/2016. FAA FORM 8110-3 ATTACHED.

THE FOLLOWING FAA/PMA FORT WORTH AIRWORKS COMPONENTS WERE INSTALLED AFT OF THE BAGGAGE COMPARTMENT: COMPRESSOR ASSEMBLY P/N CMP-100HD INSTALLED AT FS 193.0. CONDENSER AND FAN ASSEMBLY P/N FWA3415 INSTALLED AT FS 188.0. EVAPORATOR FAN ASSEMBLY P/N FWA13408 IS INSTALLED AT FS 180.5.

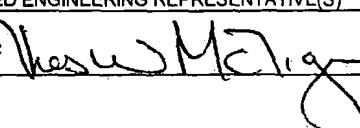
FC802-6 AND FC802-8 REFRIGERANT HOSE INSTALLED BETWEEN CONDENSER AND EVAPORATOR. FC802-10 LOW PRESSURE REFRIGERANT HOSE INSTALLED BETWEEN EVAPORATOR AND COMPRESSOR SUCTION. EVACUATE SYSTEM TO 28" AND LEAK CHECK FOR 60 MINUTES AS PER APPROVED DATA AS REQUIRED. CHARGED WITH 1.5 POUNDS OF R-134A REFRIGEERANT AND CHECKED THE ENTIRE SYSTEM FOR PROPER OPERATION. COMPLIED WITH ALL OPERATIONAL CHECKS AS REQUIRED. COMPLETED WEIGHT AND BALANCE ADJUSTMENT. COMPLETED MAINTENANCE RECORD ENTRY. INSERTED A SUPPLEMENT TO POH AND CONFIRMED THAT THE AC OPERATION WAS IN ACCORDANCE WITH THE POH SUPPLEMENT.

INSTALLED CIRCUIT PROTECTION (CIRCUIT BREAKERS) PER INSTRUCTIONS. INSTALLED CONTROL PANEL P/N CTL-100D ON INSTRUMENT PANEL AND PLACARDED AS REQUIRED.

ICA DOCUMENT NUMBER FW9800C206MM REVISION (B) DATED 11/1/2002 HAS BEEN INCLUDED WITH THIS FAA FORM 337 THAT PERTAINS TO THIS OPERATION AND PROVIDED THE OWNER. "APPROVED" WIRING DIAGRAM # RTL 114TC-20005 DATED 12/18/2015 IS ALSO INCLUDED IN THE ICA.

☒ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		DATE: 11 January 2016	
STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE Commander Aircraft, Corp	MODEL NO. 114TC (S/N 20005)	TYPE (AIRPLANE, RADIO, HELICOPTER, ETC.) AIRPLANE	NAME OF APPLICANT ROCKY TOP LEASING CHATTANOOGA, TN 37419
LIST OF DATA			
IDENTIFICATION		TITLE	
RTL114TC-20005 Sheets 1 & 2 Rev. IR, dated 12/18/15		WIRING DIAGRAM - AIR CONDITIONING, R134a	
<p>This approval indicates the data listed here-on demonstrates compliance only with the regulations Specified by paragraph and subparagraph listed below as "Applicable Requirements". Compliance to additional regulations not listed here may be required. This form does not constitute FAA approval of all data necessary for substantiation of compliance to necessary requirements for the entire alteration/repair.</p> <p>Note: 1) This approval covers electrical details only, "No Approval for Structural Aspects" and is valid only for aircraft Make and Model shown above. 2) This approval covers only the electrical details for the data listed. All systems listed here-on need to be tested for proper operation and for interaction and interference with other systems.</p>			
PURPOSE OF DATA			
To provide support for Major Alteration for Aircraft serial number 20005 Only.			
APPLICABLE REQUIREMENTS (List specific sections)			
14 CFR Part 23.1301(a)(b)(c) Amdt 23-62		14 CFR Part 23.1357(a)(c) Amdt 23-43	
14 CFR Part 23.1309(a)(2) Amdt 23-62		14 CFR Part 23.1365(a)(b)(c)(d)(e) Amdt 23-49	
14 CFR Part 23.1322(d) Amdt 23-43		14 CFR Part 23.1367(a)(b)(c)(d) No Amdt	
14 CFR Part 23.1351(b)(1)(2)(3) Amdt 23-49		14 CFR Part 23.1381(a)(b)(c) No Amdt	
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.			
<input type="checkbox"/> Recommend approval of these data			
I (We) Therefore <input checked="" type="checkbox"/> Approve these data			
SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S) Paul L. Smith		DESIGNATION NUMBER(S) DERT-606365-NM	CLASSIFICATION(S) Systems & Equipment (EE)

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION			DATE
STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			18 January 2016
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE	MODEL NO.	TYPE (Airplane, Radio, Helicopter, etc.)	NAME OF APPLICANT
Commander Aircraft Corp.	114TC	Airplane	Aircenter, Inc. Chattanooga, TN 37421 IA: Andreas Montgomery (340751 IA)
LIST OF DATA			
IDENTIFICATION		TITLE	
DOCUMENTS LP-ER 1055 Dated: 01/14/2016		TITLE COMMANDER 114TC AIR CONDITIONER INSTALLATION	
		Notes: 1. Structural aspects of data listed herein are approved. This approval is only for the engineering data. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as "Applicable Requirements." 2. Compliance is shown per the certification basis of the airplane found in Type Certificate Data Sheet A12SO.	
PURPOSE OF DATA In support of a major alteration for S/N 20005.			
APPLICABLE REQUIREMENTS (List specific sections) Title 14 CFR Part 23 dated 01 Feb 1965 including Amendments 23-1 thru 23-7 unless otherwise noted: .301(all), .303, .305(all), .307(a), .341, .561(e), .601, .603(all), .605, .609(all), .611, .613(all), .625(a)(b)			
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 ----- None ----- 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 DESIGNATED ENGINEERING REPRESENTATIVE(S)		DESIGNATION NUMBERS(S)	CLASSIFICATION(S)
Thomas W. McTigue 		DERT-750013-CE	Structures



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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 N595TC	Serial No. 20005	
	Make COMMANDER	Model 114TC	Series
2. Owner	Name (As shown on registration certificate) Neal Clayton	Address (As shown on registration certificate) 228 Maple Street Hahnville, LA 70057 USA	

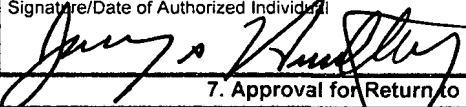
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	(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	
Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 USA	<input type="checkbox"/> U. S. Certified Mechanic	<input type="checkbox"/> Manufacturer
	<input type="checkbox"/> Foreign Certified Mechanic	C. Certificate No.
	<input checked="" type="checkbox"/> Certified Repair Station	RS # 5ECR951Y
	<input type="checkbox"/> Certified Maintenance Organization	Select Avionics

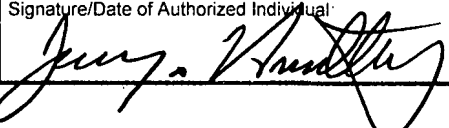
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U. S. Federal Aviation Regulations and that the information furnished herein is true and 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  Jerry Huntley 19-June-2014
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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

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

Certificate or Designation No. 5ECR951Y	Signature/Date of Authorized Individual  Jerry Huntley 19-June-2014
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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.)

N595TC

Jun-19-2014

Nationality and Registration Mark

Date

1. Removed the following equipment:

King KI-525A HSI P/N 066-3046-01
King KG-102A DG P/N 060-0015-00
King KMT-112 P/N 071-1052-00
King KA-51A Slaving Switch P/N 071-1053-04
King KLN 90B GPS P/N 066-04031-2121
King KX 155 Nav/Com P/N 069-1024-39
King KR 87 ADF P/N 066-1072-04
King KI 208 VOR/LOC Indicator P/N 066-3056-00
King KI 227 ADF Indicator P/N 066-3063-00
King KA 44B ADF Antenna P/N 071-1234-00
S-Tec ST 360 Altitude Pre-Selector P/N 0140
Mid Continent MD41-328 ACU
Comant CI401-7 GPS Antenna
Comant CI 106
DME Antenna P/N 071-1174-00
AT420000 Clock
VSI P/N 7000
Flightcom 403 Intercom

2. Installed the following equipment:

Aspen EFD 1000 P/N 910-00001-001
Aspen MFD 1000 P/N 910-00001-002
Aspen MFD 500 P/N 910-00001-003
Aspen RSM P/N 910-00003-001
Aspen RSM P/N 910-00003-002
Aspen ACU P/N 910-00004-001
Aspen EBB 58 Emergency Battery P/N 413-00002-001
Garmin GNS 430W P/N 011-01060-00
Garmin GA 35 GPS Antenna P/N 013-00235-00
PS Engineering PMA 8000B Audio Panel P/N 050-890-0202
King KT 74 Transponder P/N 89000007-002001
Comant CI 105 Transponder Antenna
APS4A Altitude Pre-Selector P/N AS02-ALTPIB-41

3. Aspen Evolution 2500 System installation was done as per STC SA10822SC. Garmin GNS 430W installation was done as per STC SA01933LA-D.

All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-1B/2B. The following manuals were used for reference: Aspen Avionics EFD 1000 Installation Manual 900-00003-001 Rev AT, March 2014, Garmin GNS 430W Installation Manual P/N 190-00356-02 Rev K, January 2014, PS Engineering PMA 8000B Installation Manual P/N 200-890-0101 Rev 4, April 2012, and King KT 74 Installation Manual P/N D201308000037 Rev 0, November 2013.

4. Aspen Evolution 2500 system is interfaced to the Garmin GNS-430W, King KX-155, APS4A Altitude Pre-Selector, and S-Tec 55X Autopilot.

5. Recomputed Weight and Balance and entered into aircraft records.

6. All wiring meets requirements of AC 43.13-1B chapter 11. Wiring was routed and secured as per AC 43.13-1B chapter 11. Circuit protection was used as per AC 43.13-1B chapter 11. Electrical load does not exceed limits as per AC 43.13-1B chapter 11. Wiring also meets requirements of AC 43.13-2B chapter 2. All installed equipment was checked for EMI interference as per AC 43.13-1B chapter 11. All effected systems were tested accordingly to show compliance with 14 CFR 23.1301.

7. The following circuit protection was used for this installation; The Aspen EFD 1000 PFD was installed on the main bus with a 7.5 AMP circuit breaker, the EFD 1000 MFD was installed on the main bus with a 7.5 AMP circuit breaker, and the EFD 500 MFD was installed on the main bus



ADDITIONAL SHEETS ARE ATTACHED

NOTICE

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

N595TC

Jun-19-2014

Nationality and Registration Mark

Date

with a 7.5 circuit breaker. The Aspen ACU was installed on the avionics bus with a 2 AMP circuit breaker, the GNS 430W Com was installed on the avionics bus with a 5 AMP circuit breaker, the GNS 430W GPS was installed on the avionics bus with a 5 AMP circuit breaker, the PMA 8000B was installed on the avionics bus using a 5 AMP circuit breaker, and the King KT 74 was installed on the avionics bus using a 3 AMP circuit breaker.

8. FAA Approved flight manual supplement for the Aspen EFD 1000 p/n 900-00008-001 Rev S, September 20, 2011 has been provided to the aircraft owner/operator and must be on board the aircraft for this installation. FAA Approved flight manual supplement for the Garmin GNS 430W P/N 190-00356-03 Rev B, July 9, 2009 has been provided to the owner/operator and must be on board the aircraft for this installation.

9. Continued Airworthiness for this installation should be performed as per attached Instructions for Continued Airworthiness P/N 900-00012-001 Rev T for the Aspen EFD 1000, and P/N 190-00356-65 Rev C, February 2013 for the Garmin GNS 430W. Continued Airworthiness for the KT 74 should be performed as per the KT 74 Installation Manual P/N D201308000037 Rev 0, November 2013, and Continued Airworthiness for the PMA 8000B should be performed as per the PMA 8000B Installation manual P/N 200-890-0101 Rev 4, April 2012. Copies have been provided to the aircraft owner/operator for inclusion into the aircraft maintenance records.

-----END-----

☐ ADDITIONAL SHEETS ARE ATTACHED



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

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OMB No. 2120-0020
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1. Aircraft	Nationality and Registration Mark N595TC	Serial No. 20005	
	Make COMMANDER	Model 114TC	Series
2. Owner	Name (As shown on registration certificate) Neal Clayton	Address (As shown on registration certificate) 228 Maple Street Hahnville, LA 70057 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		(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	
Robert W. Woodruff 3203 Kingsbury Drive McKinney, TX 75069 USA		<input checked="" type="checkbox"/> U. S. Certified Mechanic	Manufacturer
		<input type="checkbox"/> Foreign Certified Mechanic	C. Certificate No.
		<input type="checkbox"/> Certified Repair Station	455239063
		<input type="checkbox"/> Certified Maintenance Organization	Robert W. Woodruff

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 Robert W. Woodruff 20-June-2014
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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

FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
BY FAA Designee	Repair Station <input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
Certificate or Designation No. 455239063	Signature/Date of Authorized Individual Robert W. Woodruff 20-June-2014		

NOTICE

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

8. Description of Work Accomplished

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

N595TC

Nationality and Registration Mark

Jun-20-2014

Date

1. Removed the following equipment:

All Rockwell Commander original engine instrumentation

2. Installed the following equipment:

JP Instruments EDM 930 Engine Monitor System

3. JPI EDM 930 Engine Monitor System installation was done as per STC SA01435SE. All equipment installed as per Manufacturer's Instructions and in accordance with AC 43.13-1B/2B. The following manuals were used for reference: JPI EDM 930 Installation Manual P/N 908 Rev. I, February 24, 2014.

4. The following circuit protection was used for this installation; The following items were installed on the main power bus located on the CoPilot's sub panel: 5 AMP circuit breaker.

5. All wiring meets requirements of AC 43.13-1B chapter 11. Wiring was routed and secured as per AC 43.13-1B chapter 11. Circuit protection was used as per AC 43.13-1B chapter 11. Electrical load does not exceed limits as per AC 43.13-1B chapter 11. Wiring also meets requirements of AC 43.13-2B chapter 2. All installed equipment was checked for EMI interference as per AC 43.13-1B chapter 11. All effected systems were tested accordingly to show compliance with 14 CFR 23.1301.

6. Weight and Balance has been computed and entered into POH and aircraft records.

7. FAA Approved flight manual supplement for the JPI EDM 930 P/N 930-0001 Rev C, December 10, 2004 has been provided to the aircraft owner/operator and must be on board the aircraft for this installation.


8. Continued Airworthiness for this installation should be performed as per attached Instructions for Continued Airworthiness P/N 905-01 Rev D, July 15, 2012 for the JPI EDM 930 System. Copies have been provided to the aircraft owner/operator for inclusion into the aircraft maintenance records.

9. The aircraft/appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.

-----END-----

☐ ADDITIONAL SHEETS ARE ATTACHED

WP01200504462

 <p>MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)</p>		Form Approved OMB No. 2120-0020	
U.S. Department of Transportation Federal Aviation Administration		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)		Office Identification VM FSDO	
1. Aircraft	Make Commander Aircraft Company Serial No. 20005	Model 114TC Nationality and Registration Mark N595TC	
2. Owner	Name (As shown on registration certificate) HALPERIN, NORMAN S	Address (As shown on registration certificate) 10600 SEPULVEDA BLVD STE 101 MISSION HILLS CALIFORNIA 91345-1951	
3. For FAA Use Only			
<div style="font-size: 2em; transform: rotate(-5deg);">RECEIVED</div> <div style="font-size: 1.5em; transform: rotate(-5deg);">NOV 01 2004</div>			
4. Unit Identification			
Unit	Make	Model	Serial No.
AIRFRAME	(As described in item 1 above)		
POWERPLANT	Textron Lycoming	TIO-540-AG1A	L-9629-61A
PROPELLER			
APPLIANCE	Type		
	Manufacturer		
5. Type of Work			
			Repair
			Alteration
6. Conformity Statement			
A. Agency's Name and Address		B. Kind of Agency	
Bell Aviation Service Bruce Allan Bell 21309 Lakeshore drive #20 California City, California. 93505		<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.	
		519805262	
		A&P I.A.	
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	
10-30-2004		Bruce Allan Bell <i>Bruce Allan Bell 10/30/2004</i>	
7. Approval for Return to Service			
Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED			
BY	FAA Fit Standards Inspector	Manufacturer	Other (Specify)
	FAA Designee	Repair Station	
		X	Inspection Authorization
			Person Approved by Transport Canada Airworthiness Group
Date of Approval or Rejection		Certificate or Designation No.	Signature of Authorized Individual
10-30-2004		519805262 A&P I.A.	Bruce Allan Bell <i>Bruce Allan Bell 10/30/2004</i>

NOTICE

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

8. Description of Work Accomplished

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

Removed 6 Textron Lycoming fuel nozzles p/n LW18854 and installed General Aviation Modifications, Inc. TurboGAMIjector Kit No. GLT20 S/N 13083 STC No. SE09445SC per turboGAMIjector Installation Procedure, No. IP-98-002, Revision D, Dated August 11, 1998. No change in weight and balance. END

☐ Additional Sheets Are Attached

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

FAA APPROVED MODEL LIST (AML)

General Aviation Modifications, Inc.
2800 Airport Road, Hangar A
Ada Municipal Airport
Ada, Ok 74820

STC No. SE09445SC Rev. 3
Project No. SA6784SC-E

Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Regulation/ Part
1	Textron Lycoming	IO-320-A1A, A2A, B1A, B1B, B1C, B1D, B2A, C1A, D1A, D1B, E1A, E1B, E2A, E2B, F1A AIO-320-A1A, A1B, A2A, A2B, B1B, C1B LIO-320-B1A, C1A AEIO-320-E1A, E1B, E2A, E2B	1E12	CAR 13
2	Textron Lycoming	IO-360-A1A, A1B, A1B6, A1B6D, A1C, A1D, A1D6, A1D6D, A2A, A2B, A2C, A3B6, A3B6D, A3D6D, B1A, B1B, B1C, B1D, B1E, B1F, B1F6, B2E, B2F, B2F6, B4, C1A, C1B, C1C, C1C6, C1D6, C1E6, C1E6D, C1F, D1A, E1A, F1A, J1AD, J1A6D, K2A, L2A HIO-360-A1A, A1B, B1A, B1B, C1A, C1B, D1A, E1AD, E1BD, F1AD AIO-360-A1A, A2A, A1B, A2B, B1B LIO-360-C1E6 AEIO-360-A1A, A1B, A1B6, A1C, A1D, A1E, A1E5, A2A, A2B, A2C, H1A, H1B, B1B, B1D, B1F, B2F, B4A, B1F6, B2F6, B1G6 LHIO-360-C1A, C1B, F1AD	1E10	CAR 13
3	Textron Lycoming	IVO-360-A1A	1E1	CAR 13
4	Textron Lycoming	TIO-360-A1A, A1B, A3B6, C1A6D	E16EA	FAR 33

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

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

Number SE09445SC

This Certificate issued to General Aviation Modifications, Inc.
2800 Airport Road, Hangar A
Ada Municipal Airport
Ada, OK 74820

*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 FAA Approved Model List (AML) for a
Make: for a list of approved models and applicable
Model: airworthiness regulations]

Description of Type Design Change: Installation of fuel injector nozzles in accordance with General Aviation Modifications, Inc. "Drawing/Data Control List", Revision F, dated June 29, 1998, and "GAMIjector Installation Procedure for Lycoming Engines", IP-98-001, Revision B, dated March 13, 1998, or "turboGAMIjector Installation Procedure for Turbocharged Lycoming Engines", IP-98-002, Revision D, dated August 11, 1998, or later FAA approved revisions.

Limitations and Conditions: Compatibility of this design change with previously approved modifications must be determined by the installer. 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 STC only applies to Textron Lycoming engine models listed on the FAA approved model list on the attached continued approved model list.

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 10, 1997

Date reissued:

Date of issuance: March 26, 1998

Date amended: August 23, 2001, Rev. 3



By direction of the Administrator

(Signature)
St. Frances Cox
Manager, Special Certification Office
Southwest Region

(Title)

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

5	Textron Lycoming	IO-540-A1A5, AA1A5, AA1B5, AB1A5, AC1A5, B1A5, B1B5, B1C5, C1B5, C1C5, C2C, C4B5D, C4C5, C4D5, C4B5, C4D5D, D4A5, D4B5, D4C5, E1B5, E1A5, E1C5, G1A5, G1B5, G1C5, G1D5, G1E5, G1F5, J4A5, K1G5D, K1A5D, K1G5, K1A5, K1J5, K1F5, K1B5, K1B5D, K1C5, K1D5, K1E5, K1E5D, K1F5D, K1H5, K1J5D, K1K5, K2A5, L1A5, L1A5D, L1B5D, L1C5, M1A5, M1A5D, M1B5D, M2A5D, N1A5, M1C5, P1A5, R1A5, S1A5, T4A5D, T4B5, T4B5D, T4C5D, U1A5D, U1B5D, V4A5D, W1A5D, W3A5D AEIO-540-D4A5, D4B5, D4C5, L1B5, L1B5D HIO-540-A1A	1E4	CAR 13
6	Textron Lycoming	IVO-540-A1A	E11EA	CAR 13
7	Textron Lycoming	TIO-540-A1A, A1B, A2A, A2B, A1C, A2C, AA1AD, AB1AD, AE2A, AF1A, AF1B, AG1A, AH1A, AJ1A, AK1A, C1A, E1A, F2BD, G1A, H1A, J2B, J2BD, K1AD, N2BD, R2AD, S1AD, T2AD, U2A, V2AD, W2A LTIO-540-F2BD, J2B, J2BD, K1AD, N2BD, R2AD, U2A, V2AD, W2A	E14EA	CAR 13
8	Textron Lycoming	TIVO-540-A2A	1E14	CAR 13
9	Textron Lycoming	IO720-A1A, A1B, A1BD, B1A, B1B, B1BD, C1B, D1B, D1C, C1BD, D1BD, D1CD	1E15	CAR 13

FAA Approved:

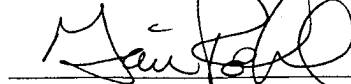
S. Frances Cox
S. Frances Cox
Manager, Special
Certification Office

Date: Aug 23, 2001

Pursuant to Title 49 United States Code § 44704 (b) (3) (effective October 19, 1996) the signature below constitutes the agreement and permission of General Aviation Modifications, Inc., allowing the registered owner of N 595TC, to alter that certain Textron Lycoming Engine:

Model T70-540 AG1A, SN L-962961A and NA, and ONLY that serial number (or numbers), by application of STC No. SE09445SC, to that specific engine(s), for the purpose of installing the fuel injector nozzles which are the subject of that STC.

General Aviation Modifications, Inc.



By Tim Roehl, President
Or George W. Braly, CEO

[SEAL]

Date

6-29-04

General Aviation Modifications, Inc.

2800 Airport Rd. Hangar A

Ada, OK 74820

(580) 436-4833

Fax (580) 436-6622

John Paul
1005

MANUFACTURER RELEASE CERTIFICATE

KIT NO. GLT20

Product Name: turboGAMIjectors®
Fuel Injection Nozzles

STC No. : SE09445SC
FAA-PMA

P/N:628540GL- E Qty. 1 Installation Location Cylinder: 1 Replaces P/N: LW 18854

P/N:628540GL- J Qty. 1 Installation Location Cylinder: 2 Replaces P/N: LW 18854

P/N:628540GL- C Qty. 1 Installation Location Cylinder: 3 Replaces P/N: LW 18854

P/N:628540GL- B Qty. 1 Installation Location Cylinder: 4 Replaces P/N: LW 18854

P/N:628540GL- G Qty. 1 Installation Location Cylinder: 5 Replaces P/N: LW 18854

P/N:628540GL- F Qty. 1 Installation Location Cylinder: 6 Replaces P/N: LW 18854

Applicable to:

Engine Manufacturer : Textron Lycoming

Engine Model(s): TIO - 540 AG 1A

turboGAMIjectors® Kit No. GLT20 S/N 13083

THE AERONAUTICAL PRODUCT DESCRIBED HEREON CONFORMS TO APPROVED TYPE
DESIGN AND IS IN A CONDITION FOR SAFE OPERATION



Karen L. Weddle
GAMI AUTHORIZED INSPECTOR

Date: 6-29-04



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
VNY FSDO

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

1. Aircraft	Make COMMANDER AIRCRAFT	Model 114TC
	Serial No. 20005	Nationality and Registration Mark N595TC
2. Owner	Name (As shown on registration certificate) HALPERIN NORMAN S	Address (As shown on registration certificate) 10600 SEPULVEDA BLVD STE 101 MISSION HILLS, CALIFORNIA. 91345-1951

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	RECEIVED				
PROPELLER	MAY 28 2003				
APPLIANCE	Type	VAN NUYS FSDO			
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address BRUCE ALLAN BELL	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 519805262
---	---	--

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 05-24-2003	Signature of Authorized Individual Bruce Allan Bell 05/24/2003
---------------------------	--

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 05-24-2003		Certificate or Designation No. 519805262	Signature of Authorized Individual Bruce Allan Bell 05/24/2003		

NOTICE

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

8. Description of Work Accomplished

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

Remove factory installed hub caps and install LoPresti Speed Merchants hub caps per Master Drawing List Report No. 36 Rev. D STC SA01224AT. END.

RECEIVED

MAY 18 2001

FAA WY-2 EBD

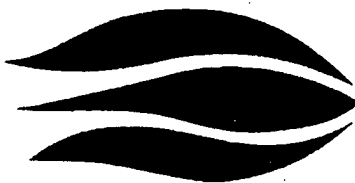
☐ Additional Sheets Are Attached



CAUTION!

BEFORE INSTALLING THE HUBCAPS, MAKE SURE THAT THE THREE TAPED HOLES IN THE WHEEL HUB ARE NOT STRIPPED AND ARE IN GOOD SHAPE. IF THE HOLES ARE NOT IN GOOD SHAPE, EITHER REPLACE THE HUB OR REPAIR THE HOLES. FAILURE TO DO SO COULD RESULT IN THE HUB CAP DEPARTING THE AIRCRAFT!

LoPresti



SPEED MERCHANTS

Master Drawing List

Report No. 36

Hub Cap

Bonanza 33 Series
Bonanza 35 Series
Bonanza 36 Series
Beech 23 Series
Beech 24 Series
Beech 19 Series
C-150 Series
C-152 Series
C-172 Series
C-177 Series
C-180 Series
C-182 Series
C185 Series
C-206 Series
C-210 Series
Commander 112 Series
Commander 114 Series
Swift GC-1A Series
Swift GC-1B Series
F-260 Series
Lake LA 4 Series
Lake 250 Series
Maule M-4 Series

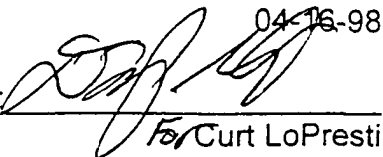
Maule M-5 Series
Maule M-6 Series
Maule M-7 Series
Maule M-8 Series
M20 Series
PA16 Series
PA17 Series
PA18 Series
PA20 Series
PA22 Series
PA24 Series
PA28 Series
PA30 Series
PA32 Series
PA34 Series
PA39 Series
PA44 Series
PA46 Series
TB9 Series
TB10 Series
TB20 Series
TB21 Series
TB200 Series

Number of Pages 1 through 6 inclusive

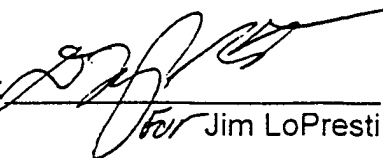
Rev. D

04-16-98

Prepared By:


For Curt LoPresti

Approved By:


For Jim LoPresti

Installation Drawings

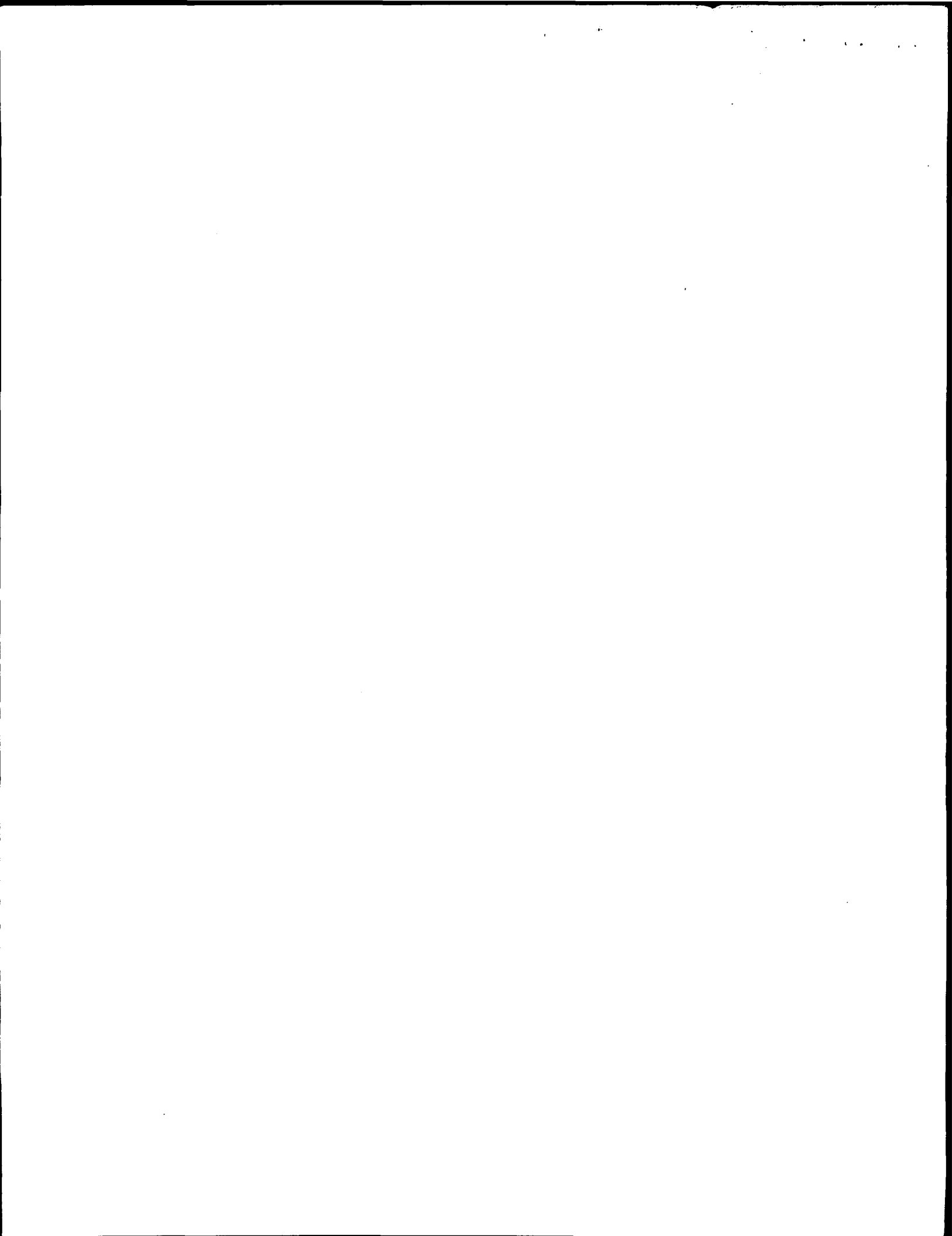
Dwg. No.	Rev	Nomenclature	Models	EO's
			Bonanza 33 Series	
			Bonanza 35 Series	
			Bonanza 36 Series	
			Beech 23 Series	
			Beech 24 Series	
			Beech 19 Series	
			C-150 Series	
			C-152 Series	
			C-172 Series	
			C-177 Series	
			C-180 Series	
			C-182 Series	
			C-185 Series	
			C-206 Series	
			C-210 Series	
			Commander 112 Series	
			Commander 114 Series	
			Swift GC-1A Series	
			Swift GC-1B Series	
			F-260 Series	
			Lake LA 4 Series	
			Lake 250 Series	
			Maule M-4 Series	
			Maule M-5 Series	
			Maule M-6 Series	
			Maule M-7 Series	
			Maule M-8 Series	
			M20 Series	
			PA16 Series	
			PA17 Series	
			PA18 Series	
			PA20 Series	
			PA22 Series	
			PA24 Series	
			PA28 Series	
			PA30 Series	
			PA32 Series	
			PA34 Series	
			PA39 Series	
			PA44 Series	
			PA46 Series	
			TB9 Series	

			TB10 Series TB20 Series TB21 Series TB200 Series	
LSM-200-701	B	Hub Cap Installation		

Manufacturing Drawing

Dwg. No.	Rev	Nomenclature	Models	EO's
			Bonanza 33 Series Bonanza 35 Series Bonanza 36 Series Beech 23 Series Beech 24 Series Beech 19 Series C-150 Series C-152 Series C-172 Series C-177 Series C-180 Series C-182 Series C-185 Series C-206 Series C-210 Series Commander 112 Series Commander 114 Series Swift GC-1A Series Swift GC-1B Series F-260 Series Lake LA 4 Series Lake 250 Series Maule M-4 Series Maule M-5 Series Maule M-6 Series Maule M-7 Series Maule M-8 Series M20 Series PA16 Series PA17 Series PA18 Series PA20 Series PA22 Series PA24 Series PA28 Series PA30 Series PA32 Series	

			PA34 Series PA39 Series PA44 Series PA46 Series TB9 Series TB10 Series TB20 Series TB21 Series TB200 Series	
LSM-200-700	B	Hub Cap		



Revision Control

Dwg. No.	Rev	Date	Nomenclature	Models	EO's
				Bonanza 33 Series	
				Bonanza 35 Series	
				Bonanza 36 Series	
				Beech 23 Series	Add
				Beech 24 Series	Add
				Beech 19 Series	Add
				C-150 Series	Add
				C-152 Series	Add
				C-172 Series	Was C-172RG
				C-177 Series	Series
				C-180 Series	Add
				C-182 Series	Add
				C-185 Series	Was C-182RG
				C-206 Series	Series
				C-210 Series	Add
				Commander 112 Series	Add
				Commander 114 Series	
				Swift GC-1A Series	Add
				Swift GC-1B Series	Add
				F-260 Series	Add
				Lake LA 4 Series	Add
				Lake 250 Series	Add
				Maule M-4 Series	Add
				Maule M-5 Series	Add
				Maule M-6 Series	Add
				Maule M-7 Series	Add
				Maule M-8 Series	Add
				M20 Series	Add
				PA16 Series	Add
				PA17 Series	
				PA18 Series	
				PA20 Series	
				PA22 Series	
				PA24 Series	
				PA28 Series	
				PA30 Series	
				PA32 Series	
				PA34 Series	
				PA39 Series	
				PA44 Series	
				PA46 Series	
				TB9 Series	
				TB10 Series	
				TB20 Series	
				TB21 Series	
				TB200 Series	

MDL	D	04-16-98	Master Drawing List	ALL	
LSM-200-700	C	02-21-98	Hub Cap	ALL	
LSM-200-701	B	04-02-97	Hub Cap Installation	ALL	

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

Supplemental Type Certificate

Number SA01224AT

This certificate issued to
LoPresti Speed Merchants
2620 North Airport Drive
Vero Beach, FL 32960

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 3 of the Civil Air Regulations

Original Product - Type Certificate Number: 2A13

Make: Piper

Model: PA-28* Series*

Description of Type Design Change

Installation of wheel hub caps with valve stem access door in accordance with LoPresti Speed Merchants Master Drawing List, Report No. 36, Revision 'E', dated April 02, 1997, or later FAA approved revision.

Limitations and Conditions

This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will produce no adverse effect upon the airworthiness of that aircraft. This determination should include consideration of significant changes in weight distribution such as an increase in the fixed disposable weight in the:

(See continuation sheet 3 of 4)

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

Date of application: September 13, 1996

Date received:

Date of issuance: December 10, 1996

Date amended: April 17, 1998; April 11, 1998



By direction of the Administrator
Paul C. Sconyers
(Signature)

Paul C. Sconyers
Associate Manager
Atlanta Aircraft Certification Office

(Title)

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

United States of America
 Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
 (Confirmation Sheet)

Number SA01224AT

Date of Issuance: December 10, 1996

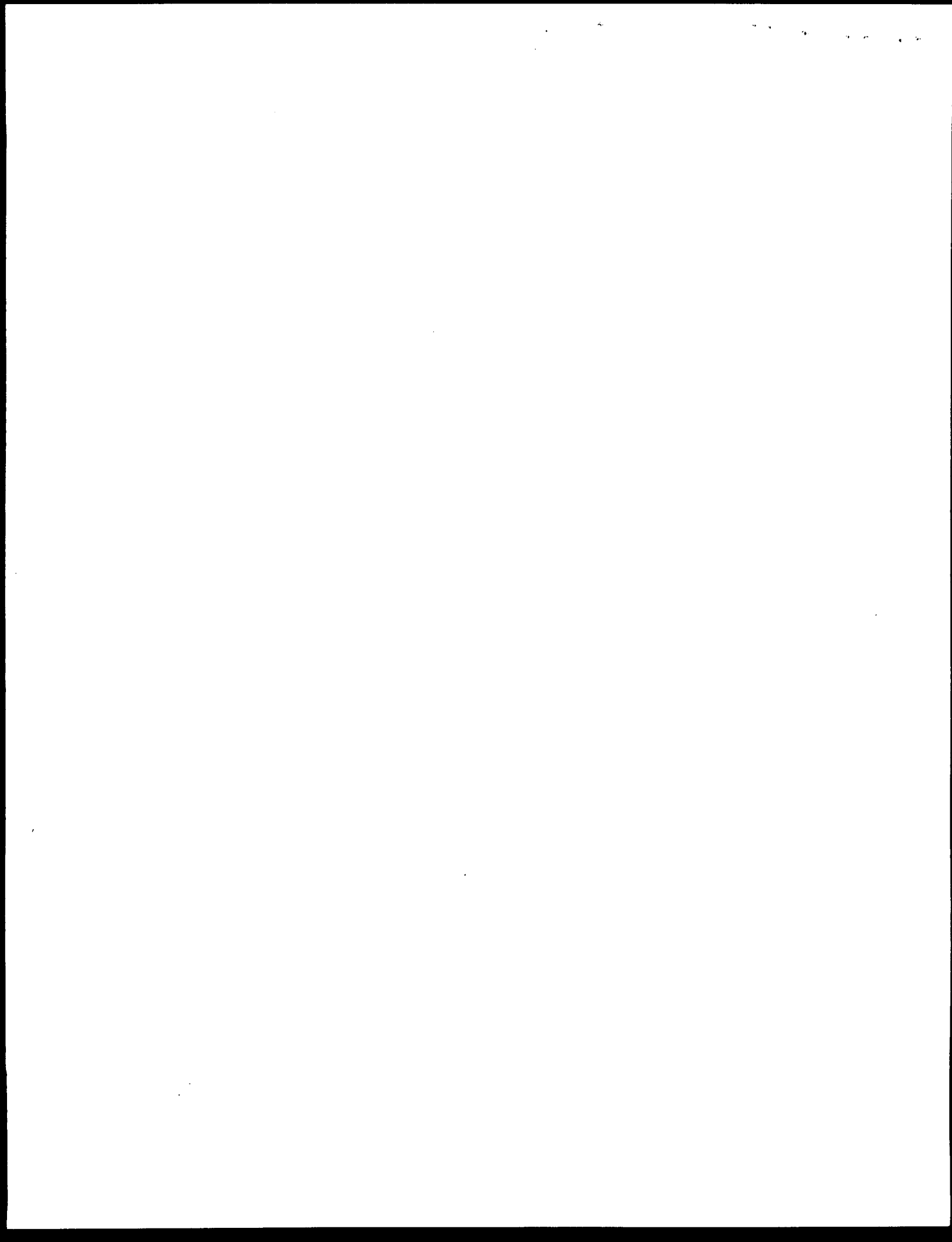
Date Amended: April 17, 1998

Limitations and Conditions (Continued):

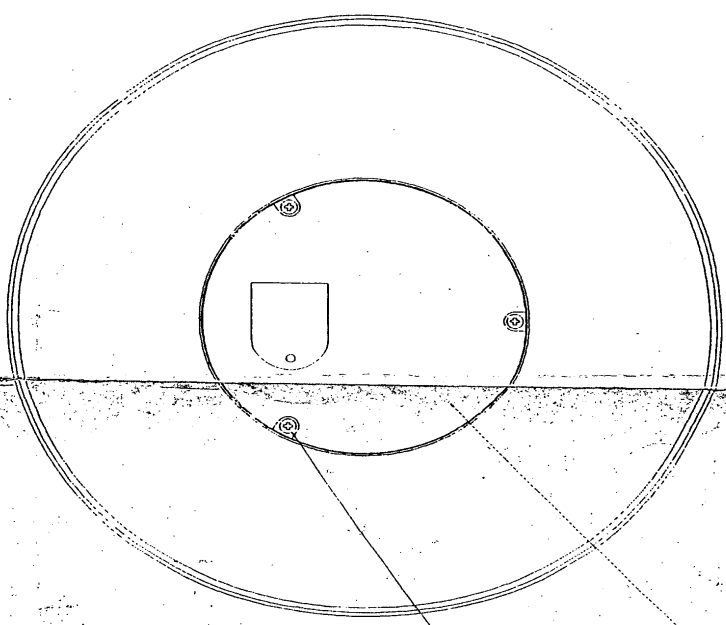
fuselage. "If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission." *Additional Type Certificate Numbers, Makes, and Models are shown on the (Continuation Sheet, Page 2), as follows:

Make	Model	TCDs No.	Cert. Basis
Augusta	F-260 Series	A10EU	CAR 3/FAR 23
Beech	19 Series	A1CE	CAR 3
Beech	23 Series	A1CE	CAR 3
Beech	24 Series	A1CE	CAR 3
Beech	Bonanza 33 Series	3A15	CAR 3
Beech	Bonanza 35 Series	A-777	CAR 3
Beech	Bonanza 36 Series	3A15	CAR 3
Cessna	150 Series	3A19	CAR 3
Cessna	152 Series	3A19	CAR 3
Cessna	172 Series	3A12	CAR 3
Cessna	177 Series	A13CE	CAR 3
Cessna	180 Series	3A6	CAR 3
Cessna	182 Series	3A13	CAR 3
Cessna	185 Series	3A24	CAR 3
Cessna	206 Series	A4CE	CAR 3
Cessna	210 Series	3A21	CAR 3
Commander Aircraft	112 Series	A12SO	FAR 23
Commander Aircraft	114 Series	A12SO	FAR 23
Lake	LA-4 Series	1A13	CAR 3
Lake	250 Series	1A13	CAR 3
Maule	M-4 Series	3A23	CAR 3
Maule	M-5 Series	3A23	CAR 3/FAR 23
Maule	M-6 Series	3A23	CAR 3
Maule	M-7 Series	3A23	CAR 3/FAR 23
Maule	M-8 Series	3A23	CAR 3/FAR 23
Mooney	M-20 Series	2A3	CAR 3
Piper	PA-16/16S	1A1	CAR 3
Piper	PA-17	A-305	CAR 3
Piper	PA-18 Series	1A2	CAR 3
Piper	PA-20 Series	1A4	CAR 3
Piper	PA-22 Series	1A6	CAR 3
Piper	PA-24 Series	1A15	CAR 3
Piper	PA-28 Series	2A13	CAR 3
Piper	PA-30 Series	A1EA	CAR 3
Piper	PA-32 Series	A3SO	CAR 3
Piper	PA-34 Series	A7SO	FAR 23
Piper	PA-39 Series	A1EA	CAR 3
Piper	PA-44 Series	A19SO	FAR 23

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



NOTES		DATE	BY
1	POSITION LINE 200-100-1 HAS BEEN PLACED IN THE MAIN LANDING GEAR AREA. THE POSITION LINE 200-100-1 HAS BEEN PLACED IN THE MAIN LANDING GEAR AREA. THE POSITION LINE 200-100-1 HAS BEEN PLACED IN THE MAIN LANDING GEAR AREA.	2-25-73	C.L.
2	OPEN ACCESS DOOR TO ECU AND SERVICE TIRE PRESSURE.	2-25-73	C.L.



-1 HUB CAP INSTL
MAIN LANDING GEAR

FOR PARTS INFORMATION
CONTACT THE
PROJECT OFFICE
AT
100-100-100-1

HUB CAP INSTL		DATE	BY
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2	OPEN ACCESS DOOR TO ECU AND SERVICE TIRE PRESSURE.	2-25-73	C.L.



US 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 N595TC		2. AIRCRAFT BUILDER'S NAME (Make) COMMANDER		3. AIRCRAFT MODEL DESIGNATION 114TC		4. YR. MFR. 95	FAA CODING 0145002						
	5. AIRCRAFT SERIAL NO 20005		6. ENGINE BUILDER'S NAME (Make) LYCOMING		7. ENGINE MODEL DESIGNATION IO-540-AG1A		8. AIRCRAFT IS (Check if applicable) IMPORT							
	8. NUMBER OF ENGINES 1		9. PROPELLER BUILDER'S NAME (Make) MCCAULEY		10. PROPELLER MODEL DESIGNATION B3D32C419/G-82NHA-5									
II. CERTIFICATION REQUESTED	APPLICATION IS HEREBY MADE FOR: (Check applicable items)													
	A	1	<input checked="" type="checkbox"/>	STANDARD AIRWORTHINESS CERTIFICATE (Indicate category)			<input checked="" type="checkbox"/>	NORMAL	UTILITY	ACROBATIC	TRANSPORT	GLIDER	BALLOON	
	B			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 AND PEST CONTROL		2	AERIAL SURVEYING		3	AERIAL ADVERTISING	
						4	FOREST (Wildlife conservation)		5	PATROLLING		6	WEATHER CONTROL	
						7	CARRIAGE OF CARGO		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			MKT SURVEY		
					0	TO SHOW COMPLIANCE WITH FAR								
					1	FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE								
					2	EVACUATE FROM AREA OF IMPENDING DANGER								
					3	OPERATION IN EXCESS OF MAXIMUM CERTIFICATED TAKE-OFF WEIGHT								
					4	DELIVERING OR EXPORT		5	PRODUCTION FLIGHT TESTING					
					6	CUSTOMER DEMONSTRATION FLIGHTS								
C	6		MULTIPLE AIRWORTHINESS CERTIFICATE (Check ABOVE "Restricted Operation" and "Standard" or "Limited," as applicable.)											
III. OWNER'S CERTIFICATION	A. REGISTERED OWNER (As shown on certificate of aircraft registration)													
	NAME COMMANDER AIRCRAFT COMPANY					ADDRESS 7200 N.W. 63rd ST., BETHANY, OK 73008								
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)													
	X	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No and Revision No.) A12SO, REV-20					X	AIRWORTHINESS DIRECTIVES (Check if all applicable ADs complied with and give latest AD No.) 95-16M 08-7-95						
		AIRCRAFT LISTING (Give page number(s)) N/A					X	SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) SA 7817 SW-D, SA8384SW-D						
	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS													
	X	CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173			TOTAL AIRFRAME HOURS 10.7			3	EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed) 10.7					
	D. 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 and eligible for the airworthiness certificate requested													
	DATE OF APPLICATION September 22, 1995			NAME AND TITLE (Print or type) RICHARD M. SMILEY, ASSURANCE				SIGNATURE 						
	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 in items A and B)													
	A. I find that the aircraft described in Section I or VII meets requirements for					<input checked="" type="checkbox"/>	THE CERTIFICATE REQUESTED							
	B. Inspection for a special flight permit under Section VII was conducted by:					4	AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE							
							FAA INSPECTOR		FAA DESIGNEE					
							CERTIFICATE HOLDER UNDER:		FAR 65 FAR 121, 127 or 135 FAR 145					
DATE 09/22/95		DISTRICT OFFICE MIDO-41		DESIGNEE'S SIGNATURE AND NO DMIR SW-6005			FAA INSPECTOR'S SIGNATURE 1							

VII. AIRWORTHINESS DOCUMENTATION
(FAA use only)

<input checked="" type="checkbox"/>	A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable	<input checked="" type="checkbox"/>	F. This Inspection Recorded in Aircraft Records
<input checked="" type="checkbox"/>	B. Current Operating Limitations Attached	<input checked="" type="checkbox"/>	E. Major Repair and Alteration, FAA Form 337 (Attach when required)
<input checked="" type="checkbox"/>	C. Data, Drawings, Photographs, etc. (Attach when required)	<input checked="" type="checkbox"/>	D. Current Weight and Balance Information Available in Aircraft
<input checked="" type="checkbox"/>	I. Previous Airworthiness Certificate Issued in Accordance with FAR 33.101 (Original Attached)	<input checked="" type="checkbox"/>	J. Current Airworthiness Certificate Issued in Accordance with FAR 33.101 (Copy attached)
<input checked="" type="checkbox"/>	H. Foreign Airworthiness Certificate for Import Aircraft (Attach when required)	<input checked="" type="checkbox"/>	G. Statement of Conformity, FAA Form 8130-9 (Attach when required)

VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST

F. CERTIFICATION — I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered in 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.

E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)

D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS

<input type="checkbox"/>	PILOT	<input type="checkbox"/>	CO-PILOT	<input type="checkbox"/>	NAVIGATOR	<input type="checkbox"/>	OTHER (Specify)
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C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT

VIA	DEPARTURE DATE	DURATION
FROM	TO	

B. DESCRIPTION OF FLIGHT

☐ CUSTOMER DEMONSTRATION FLIGHTS (Check if applicable)

REGISTERED OWNER	ADDRESS
BUILDER (Make)	MODEL
SERIAL NUMBER	REGISTRATION MARK

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	

DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N595TC	Commander Aircraft Company 114TC	20005	Normal

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	FAA REPRESENTATIVE	DESIGNATION NUMBER
Sept. 22, 1995	Dale E. Rohrbaugh	SW-6005

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.

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