



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
2010000841

For FAA Use Only

Electronically Submitted 337

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 <p style="text-align: center;">N 204JH</p>	Serial No. <p style="text-align: center;">T20608638</p>	
	Make <p style="text-align: center;">CESSNA</p>	Model <p style="text-align: center;">T206H</p>	Series
2. Owner	Name (As shown on registration certificate) <p style="text-align: center;">ETPC AVIATION LLC</p>		Address (As shown on registration certificate) Address <u>541 10TH ST NW # 140</u>
			City <u>ATLANTA</u> State <u>GA</u> Zip <u>30318-5713</u> Country <u>UNITED STATES</u>

3. For FAA Use Only

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

Data Identification _____

Authorization
Number _____

Inspector Signature **Gary Justice**

Digitally signed by Gary Justice
DN: cn=US, e=FL, l=FL, ou=FAA, o=FAA, ou=FAA, 0.9.2342.19200300.100.1.1=6325, cn=Gary Justice, email=gary.jjustice@faa.gov
Date: 2010.08.17 13:55:32 -0400

Designee
Signature _____

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		C. Certificate No.	
Name <u>PALM BEACH AVIONICS INC</u>		<input type="checkbox"/> U. S. Certified Mechanic		MI4R363M	
Address <u>11250-3 AVIATION BLVD</u>		<input type="checkbox"/> Foreign Certified Mechanic			
City <u>WEST PALM BEACH</u> State <u>FL</u>		<input checked="" type="checkbox"/> Certified Repair Station			
Zip <u>33412</u> Country <u>UNITED STATES</u>		<input type="checkbox"/> Certified Maintenance Organization			

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

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <div style="text-align: center; font-size: 1.2em;">Jimmy D Cook</div>
--	---

Digitally signed by Jimmy D Cook
DN: cn=US, e=FL, l=West Palm Beach, ou=Palm Beach Avionics Inc, ou=Palm Beach Avionics Inc, 0.9.2342.19200300.100.1.1=7284, cn=Jimmy D Cook, email=jcook@palmbeachavionics.com
Date: 2010.08.25 08:31:17 -0400

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. MI4R363M	Signature/Date of Authorized Individual <div style="text-align: center; font-size: 1.2em;">Jimmy D Cook</div>
--	---

Digitally signed by Jimmy D Cook
DN: cn=US, st=FL, l=West Palm Beach, ou=Palm Beach Avionics Inc, ou=Palm Beach Avionics Inc, 0.9.2342.19200300.100.1.1=7284, cn=Jimmy D Cook, email=jcook@palmbeachavionics.com
Date: 2010.08.25 08:56:16 -0400

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.)

N204JH

08/25/2010

Nationality and Registration Mark

Date

Installed an Avidyne/Ryan TAS600 Traffic Awareness System (TAS) made up of the following components:

- 9900BX Processor, Ryan P/N 70-2420-(8 TAS600)
- TAS Antenna, Sensor Systems P/N S72-1750-31L (top antenna)
- TAS Antenna, Sensor Systems P/N S72-1750-32L (bottom antenna)
- TAS Transponder Coupler, Avidyne/Ryan P/N 70-2040
- Locally fabricated RF Cables

The 9900BX Processor was installed in the aft section of the aircraft fuselage on the baggage floor at F.S. 144.0. The forward TAS antenna was installed on the top of the aircraft fuselage at F.S. 40.8. The rear TAS antenna was installed on the bottom of the fuselage at F.S. 132.0. The TAS transponder coupler was installed on the G1000 equipment rack at F.S. 148.0.

This aircraft was pre-wired by Cessna for the Honeywell Traffic Avoidance System. The factory wiring was adapted for this installation. Existing RF cables to the top antenna were used and the two RF cables for the bottom antenna were fabricated. Audio and data input/output was interfaced to the Garmin G1000 system. Altitude input to the TAS600 is obtained via Arinc 429 data from the Garmin G1000 system. Power is supplied to the TAS600 system via an in-line 3A fuse labeled "TAS" connected to the avionics bus.

The TAS600 system was installed in accordance with the Avidyne/Ryan TAS600 and 9900BX Installation Manual Part Number 32-2351, Revision 04 dated October 3, 2005. Interface to the G1000 was made using Avidyne Document Number 87-2237-103 dated 18 July 2006 titled "Installation and Configuration Document for the Avidyne Model 9900BX/TAS 600 with the Garmin International G1000 Avionics System". In addition, the Acceptable Methods, Techniques, and Practices contained in FAA Advisory Circular FAA AC 43.13-2B dated 3/3/08 were used to accomplish this alteration; specifically: Chapter 1 paragraphs 100, 103, 105, 106, 108, 110, 111, 112, 113 and 114. Chapter 2 paragraphs 200, 201, 202, 204, 205, 206, 207, 208, 209 and 210. Chapter 3 paragraphs 300, 301, 302, 303, 304, 305, 306, 307, 308 and 309.

A ground test was conducted and a flight check was made. No interference was found to exist between the TAS600 system and other installed equipment. The TAS600 system was found to function correctly.

An FAA Approved Airplane Flight Manual Supplement has been added to the Pilot's Operating Handbook. Revised the Aircraft Weight/Balance and Equipment list. Aircraft log entry made.

Continued Airworthiness: Maintenance of the TAS600 system is ON CONDITION. Periodic maintenance of the TAS600 system is not required.

Additional Sheets Are Attached

Palm Beach Avionics, Inc.
FAA Repair Station MI4R363M
11250-3 Aviation Blvd.
West Palm Beach, Florida 33412

Avidyne TAS600
Traffic Awareness System

FAA APPROVED
FLIGHT MANUAL SUPPLEMENT

For the

CESSNA T206H

Serial Number: T20608638

Registration Number: N204JH

with

AVIDYNE/RYAN TRAFFIC ADVISORY SYSTEM (TAS)
MODEL TAS600

This document must be carried in the aircraft at all times. It describes the operating procedures for the Avidyne TAS600 Traffic Awareness System installed in accordance with the Avidyne Traffic Advisory Systems Installation Manual Part Number 32-2351, Revision 4, dated October 3, 2005 and FAA Form 337, FAA Field Approved, authorizing this installation.

The information contained herein supplements or supersedes the basic Airplane Flight Manual only in those areas listed herein. For limitations, procedures, and performance information not contained in this document, consult the basic Airplane Flight Manual.

FAA APPROVED

**Gary
Justice**

Digitally signed by Gary Justice
DN: c=US, st=FL, l=Ft.
Lauderdale, o=FAA, ou=FAA,
0.9.2342.19200300.100.1.1=6325
, cn=Gary Justice, email=gary.l.
justice@faa.gov
Date: 2010.08.16 15:32:02 -04'00'

CESSNA T206H
FAA APPROVED
DATE: AUG 16, 2010

PAGE 1 OF 5

Palm Beach Avionics, Inc.
FAA Repair Station MI4R363M
11250-3 Aviation Blvd.
West Palm Beach, Florida 33412

Avidyne TAS600
Traffic Awareness System

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Palm Beach Avionics, Inc.
FAA Repair Station MI4R363M
11250-3 Aviation Blvd.
West Palm Beach, Florida 33412

Avidyne TAS600
Traffic Awareness System

SECTION I GENERAL

1. The Avidyne TAS600 Traffic Advisory System (TAS) monitors the airspace surrounding your aircraft by interrogating the transponders of intruding aircraft. If the intruder is reporting Mode C altitude, the interrogation reply enables the TAS600 to compute range, relative bearing and relative altitude from your aircraft to the intruder. For non-Mode C reporting aircraft the TAS600 computes range and bearing only. The TAS600 does not detect aircraft without an operating transponder.
2. The TAS600 in this aircraft is interfaced to the Garmin G1000 system for display and control. The TAS600 is advisory only, and is a back up to the see and avoid concept, and the ATC radar environment.
3. The TAS600 uses voice, tones, and the G1000 display to communicate information to the flight crew. When a detected intruder meets the criteria for traffic advisory, the TAS600 generates an audible voice annunciation. The announced phrase is always preceded by a tone and then begins as "Traffic". The clock position of the alert is given, and then the relative altitude of the intruder and range is announced. If the intruder is more than 200 feet above or below the host aircraft, then the phrase "high" or "low" is added as appropriate. If the intruder's altitude is within 200 feet of the host altitude, the ending phrase is "same altitude". The G1000 system displays the intruder aircraft relative position.
4. The TAS600 conforms to TSO-C147.

Palm Beach Avionics, Inc.
FAA Repair Station MI4R363M
11250-3 Aviation Blvd.
West Palm Beach, Florida 33412

Avidyne TAS600
Traffic Awareness System

SECTION II LIMITATIONS

1. The TAS600 Pilot's Operating Handbook, Part Number 32-2352, Revision 6 or later revision and the Garmin G1000 optional equipment addendum Part Number 190-00470-00 rev C or later revision should be referred to for operating instructions. These documents must be kept accessible to the flight crew at all times.
2. Altitude information provided by the TAS600 is advisory only and is not to be used for dispatch purposes.
3. Federal regulations state that "When an ATC clearance has been obtained, no pilot in command may deviate from that clearance, except in an emergency, unless he obtains an amended clearance." Traffic information provided by the TAS600 does NOT relieve the pilot in command of this responsibility.
4. Refer to the Pilot's Operating Handbook, Part Number 32-2352, Revision 6 or subsequent for the Avidyne TAS600 Series, for other appropriate limitations.
5. The TAS600 system is limited to:

Display range	7 nm
Vertical filter of displayed traffic	+/- 3500 ft.
Maximum operating altitude	18,500 Feet

If the TAS is operated above Maximum Operating Altitude no traffic, including Traffic Advisories and Proximity Traffic will be announced or displayed. See the Avidyne TAS600 Series Pilot's Handbook for more information.

SECTION III EMERGENCY PROCEDURES

No Change.

Palm Beach Avionics, Inc.
FAA Repair Station MI4R363M
11250-3 Aviation Blvd.
West Palm Beach, Florida 33412

Avidyne TAS600
Traffic Awareness System

SECTION IV NORMAL PROCEDURES

1. The TAS600 Pilot's Operating Handbook, Part Number 32-2352, Revision 6 or later revision and the Garmin G1000 optional equipment addendum Part Number 190-00470-00 rev C or later revision should be referred to for operating instructions. These documents must be kept accessible to the flight crew at all times.
2. The built-in-test function permits the crew to perform a functional test of the system while in flight to confirm system performance. For instructions refer to the TAS600 Pilot's Operating Handbook.

SECTION V PERFORMANCE

No change.

SECTION VI WEIGHT AND BALANCE

See current weight and balance data.

SECTION VII AIRPLANE & SYSTEM DESCRIPTIONS

See Avidyne Pilot's Operating Handbook for a complete description of the TAS600 Series TAS system.



US 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 N204JH	Serial No. T20608638	
	Make Cessna	Model T206H	Series Stationair
2. Owner	Name (As shown on registration certificate) ETPC Aviation LLC	Address (As shown on registration certificate) Address 541 10th Street NW #140	
		City Atlanta State GA Zip 30318-5713 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 <u>David A. Johnson</u>			<input checked="" type="checkbox"/> U. S. Certificated Mechanic Manufacturer <input type="checkbox"/> Foreign Certificated Mechanic C. Certificate No. <input type="checkbox"/> Certificated Repair Station		
Address <u>2633 Lantana Rd., Ste 41, Hangar 408</u>					
City <u>Lantana</u> State <u>FL</u>			33480929		
Zip <u>33462</u> Country <u>USA</u>					
			<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 David A. Johnson 7/02/10
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7. Approval for Return to Service

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

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

Certificate or Designation No. 34480929	Signature/Date of Authorized Individual David A. Johnson 7/02/10
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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	N204JH	07/02/10
	Nationality and Registration Mark	Date
07/02/10 N204JH S/N#T20608638 Tach 263.8		

1) Installation of vortex generators on wings, tail surfaces and vertical fin, in accordance with Micro AeroDynamics Drawing Package MA2146, Revision A, dated March 11, 2004 and Installation Manual MA2147, Revision IR, dated January 25, 2001, per **STC#SA00887SE**. Instructions for Continued Airworthiness of Micro Vortex Generation Installations are stated on VG Operating Placard #MA8001 which must be installed in an easily seen location in the cockpit. This placard states : "if more than 5 VGs are damaged or missing, the aircraft is not airworthy." To make it airworthy, the missing VGs in excess of five need to be replaced. The VGs should be examined prior to each flight, during the pre-flight inspection, to determine if any are missing or damaged. Missing or damaged VGs in excess of five need to be replaced by installation of a new (replacement) part. Installation is accomplished with Loctite Depend Adhesive #330. No other maintenance or inspections are necessary. Negligible weight change.

2) Installation of wing tip extensions in accordance with Wipaire, Inc. Master Drawing List Number W-MD126, and **STC#SA914NE** issued April 30th, 2001. Revised Weight and Balance Data and Equipment List.

----- END -----

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

Number SA00887SE

This certificate, issued to **Micro AeroDynamics, Inc.
4000 Airport Rd. Suite D
Anacortes, WA 98221**

*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)
Make: No. SA00887SE for a list of approved airplane
Model: models and applicable airworthiness regulations.

Description of the Type Design Change: Installation of vortex generators on the wings, tail surfaces, and vertical fin, in accordance with Micro AeroDynamics Drawing Package MA2146, Revision A, dated March 11, 2004, and installed in accordance with Installation Manual MA2147, Revision IR, dated January 25, 2001 (for the 206 series) or MA2196, Revision IR, dated March 11, 2004 (for the 207 series), or later FAA approved revisions.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. 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 of those 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 must be maintained as part of the permanent records for the modified aircraft.

NOTE: If more than five vortex generators are damaged or missing, the aircraft is not airworthy.

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: December 21, 2000

Date reissued:

Date of issuance: March 12, 2001

Date amended: April 27, 2004



By direction of the Administrator

Jan H Rehl

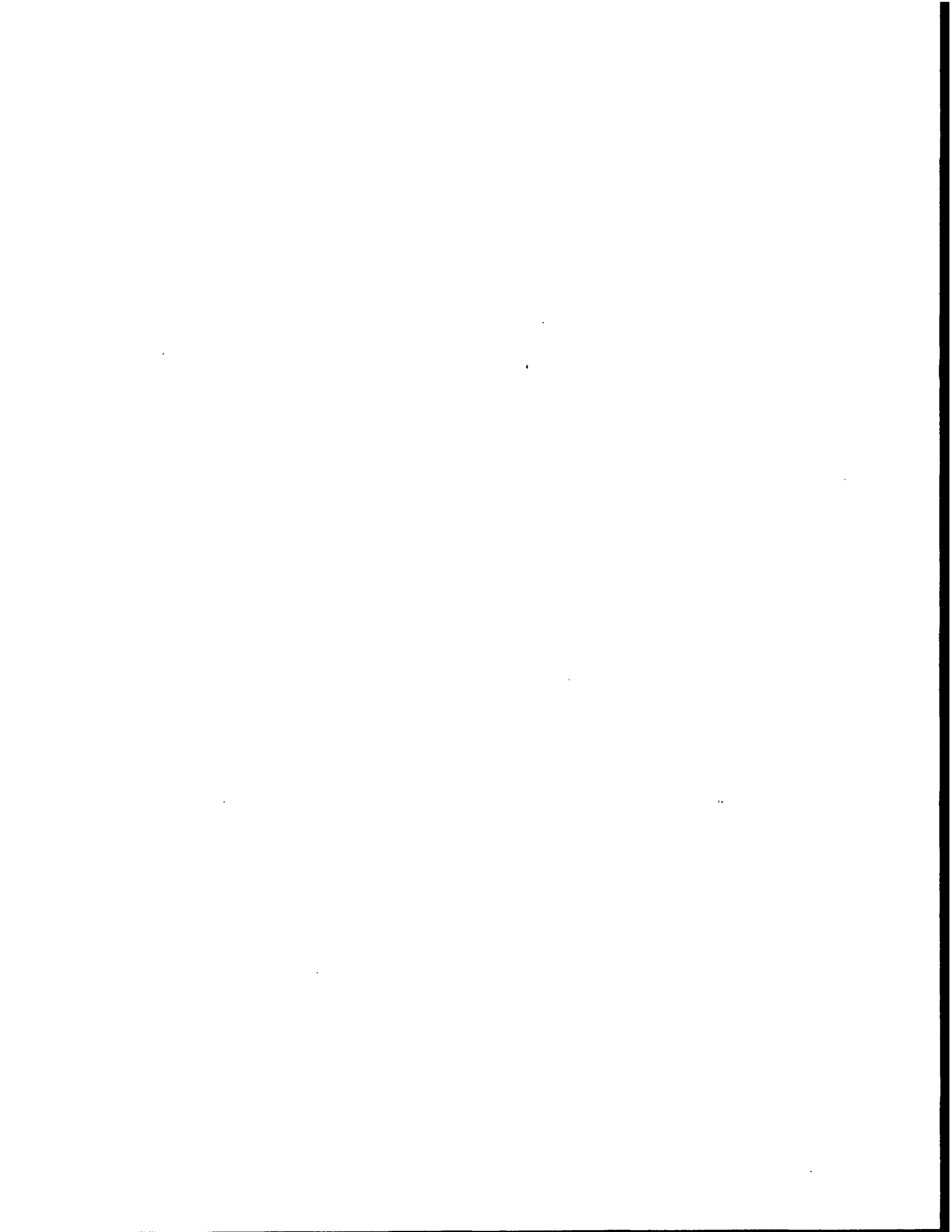
(Signature)

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.

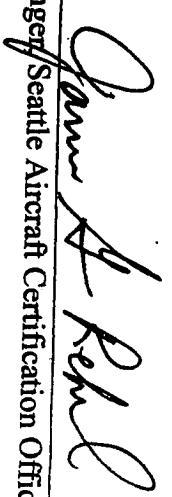
This certificate may be transferred in accordance with FAR 21.47.



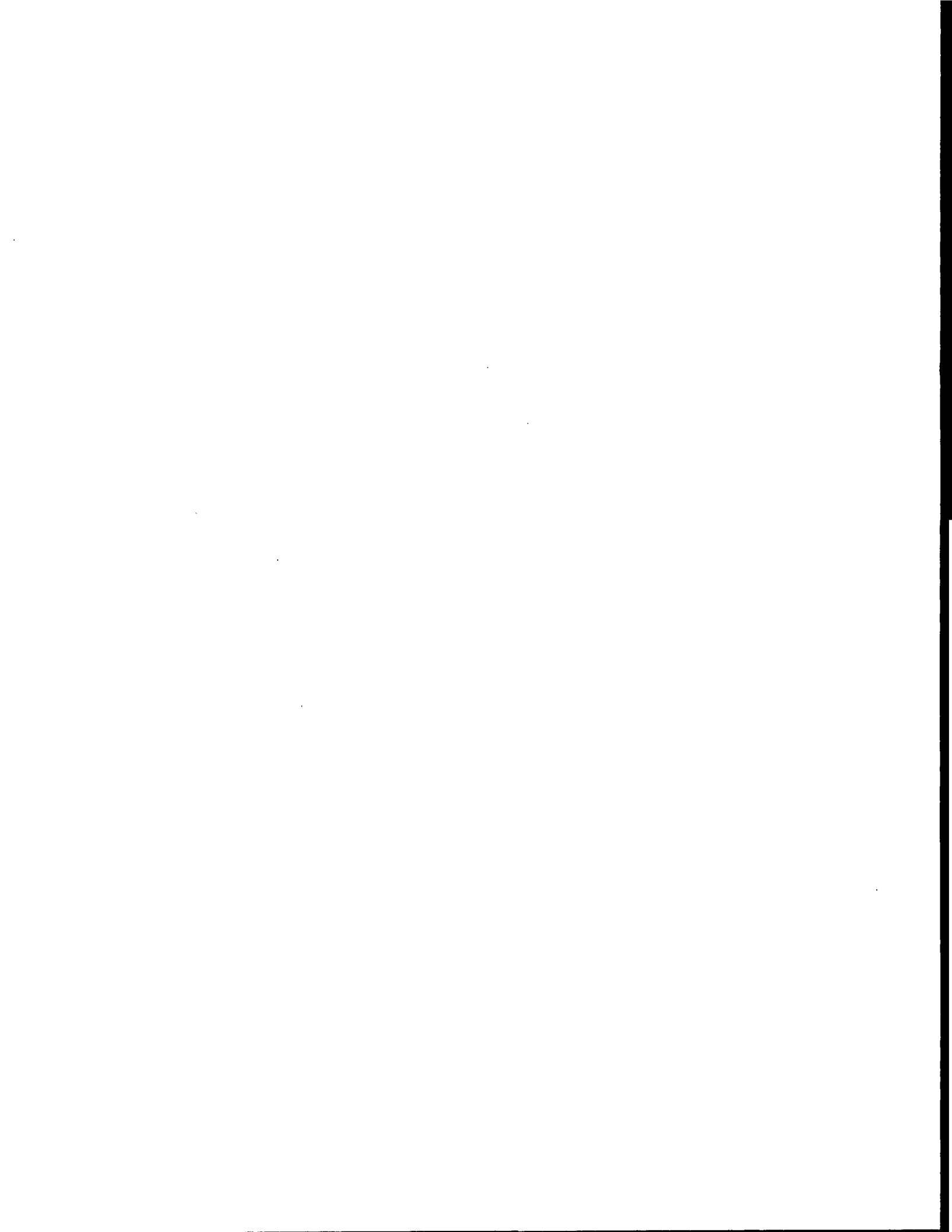
Micro Aerodynamics, Inc.
 FAA Approved Model List (AML) No. SA00887SE
 Installation of Micro Aerodynamics, Inc. Vortex Generator Kit

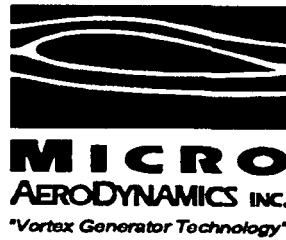
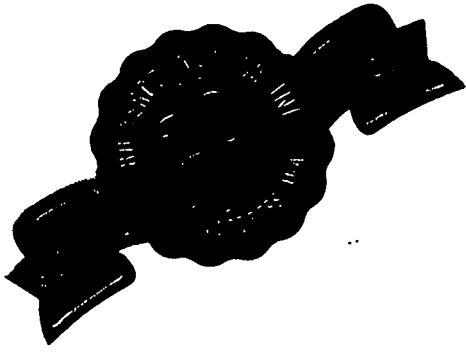
Original Issue Date: March 12, 2001

ITEM	AIRCRAFT MAKE	AIRPLANE MODEL	TYPE CERT. NUMBER	CERT. BASIS FOR ALTERATION	FAA APPROVED INSTALLATION INSTRUCTIONS		FAA APPROVED DRAWINGS			AML REVISION DATE	
					NUMBER	REV.	NUMBER	REV.	DATE		
1.	Cessna	206, P206, P206A, P206B, P206C, P206D, P206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, U206G, TP206A, TP206B, TP206C, TP206D, TP206E, TP206A, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, 206H, T206H	A4CE	CAR 3 FAR 23	MA2147	IR	1/24/01	MA2146	A	3/11/04	
2.	Cessna	207, T207, 207A, T207A	A16CE	FAR 23	MA2196	IR	3/11/04	MA2146	A	3/11/04	

APPROVED 
 Acting Manager, Seattle Aircraft Certification Office

Amended: 4/27/2004

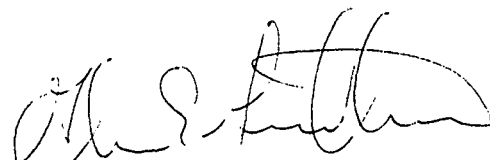




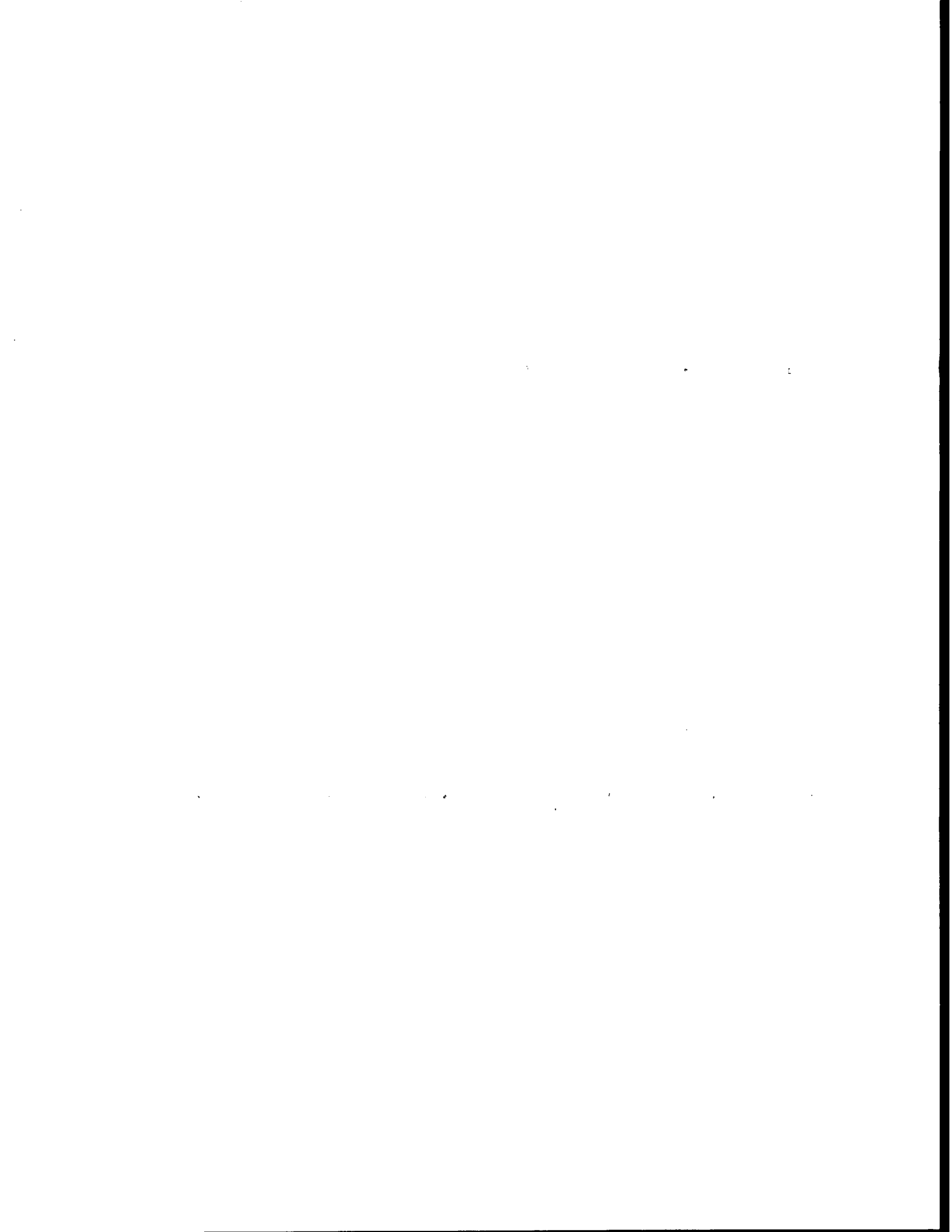
Authorization for the use of Supplemental Type Certificate

Micro AeroDynamics, Inc is the owner of the following
STC and hereby authorizes the use of that STC certificate
on the aircraft listed below:

STC Number: SA00887SE
Make: Cessna
Model: T206H
Registration Number: N204JH
Serial Number: T20608638

Signed: 
Date of Authorization: June 7, 2010

Micro AeroDynamics, Inc.



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

Supplemental Type Certificate

Number SA914NE

THIS STC VALID
FOR AIRCRAFT

N N204JH
S/N T2068638 ONLY

This certificate issued to Wipaire, Inc.
1700 Henry Ave. - Fleming Field
South St. Paul, MN 55075

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 3 of the Civil Air Regulations. (See Type Certificate Data Sheet No. A4CE for complete certification basis)

Original Product - Type Certificate Number: A4CE

Make: Cessna
Model: 206; 206H; P206A; P206B; P206C; P206D; P206E; T206H; TP206A;
TP206B; TP206C; TP206D; TP206E; TU206A; TU206B; TU206C;
TU206D; TU206E; TU206F; TU206G; U206; U206A; U206B;
U206C; U206D; U206E; U206F; U206G

Description of Type Design Change:

Installation of wing tip extensions in accordance with Wipaire, Inc. Master Drawing List Number W-MD126, no revision, issued April 30, 2001, or later FAA approved revisions.

Limitations and Conditions:

1. Placard " $V_{NE} = 165$ Knots" is required with this installation.
2. Compatibility of this design change with previously approved modifications must be determined by the installer.
3. If the installer 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: May 30, 1985

Date reissued: June 24, 1994; January 06, 1997

Date of issuance: October 04, 1991

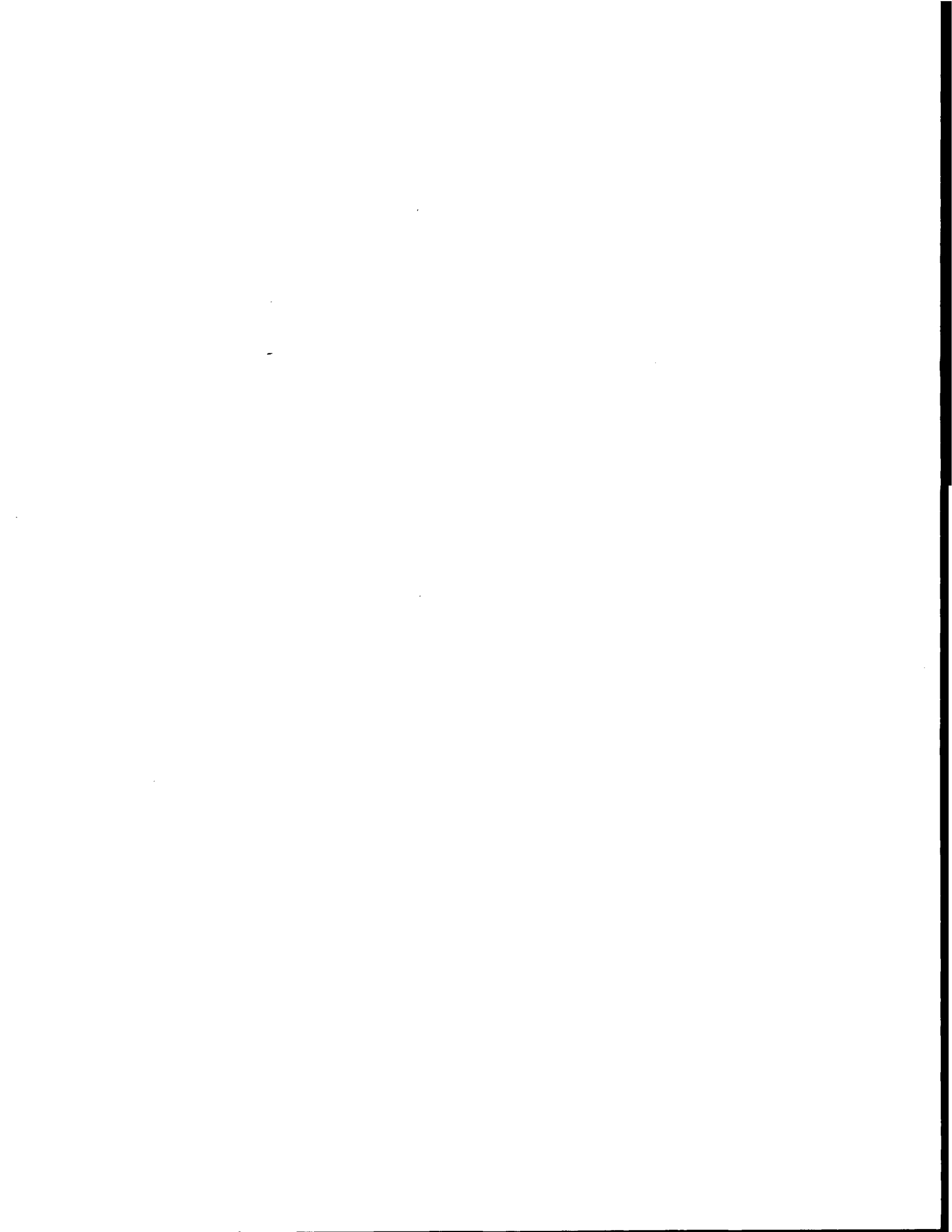
Date amended: August 28, 1992; May 3, 2001;
December 14, 2001



By direction of the Administrator

Gregory J. Michalik
(Signature)
Gregory J. Michalik, Senior Aerospace Engineer
Airframe & Administrative Branch
Chicago Aircraft Certification Office

(Title)





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

MSP FSDC

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	T206H
	Serial No.	T20608638	Nationality and Registration Mark	N204JH
2. Owner	Name (As shown on registration certificate) Cessna Aircraft Company		Address (As shown on registration certificate) PO Box 7704 Wichita, KS 67277	

3. For FAA Use Only

THE DATA IDENTIFIED HEREIN COMPLIES WITH APPLICABLE AIRWORTHINESS REQUIREMENTS AND IS APPROVED ONLY FOR THE ABOVE DESCRIBED AIRCRAFT SUBJECT TO CONFORMITY INSPECTION BY A PERSON AUTHORIZED IN FAR 43.7.

7/14/06 *[Signature]* MSP FSDO

DATE 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 WIPAIRE, INC. 1700 HENRY AVE. SOUTH ST. PAUL, MN 55075	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. RJWR390K
--	--	--------------------------------

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 7-14-06	Signature of Authorized Individual <i>[Signature]</i>	RICHARD WAHLMAN
-----------------	--	-----------------

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 7-14-06	Certificate or Designation No. RJWR390K	Signature of Authorized Individual <i>[Signature]</i> RICHARD WAHLMAN		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alternation 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)

Relocated the existing L-3 Communications WX-500 Stormscope antenna due to a conflict with the Wipline 3450 Float installation. The antenna was relocated from the bottom of the fuselage at an arm of 185.0 inches to the top of the cabin at an arm of 95.0 inches.

Relocated the existing NAV antenna from the vertical stabilizer cap to the top portion of the vertical stabilizer to facilitate the seaplane rudder installation.

Relocated the marker beacon antenna from the bottom of the fuselage at an arm of 200.0 inches forward to the bottom of the fuselage at an arm of 173.0 inches.

This installation is in accordance with the manufacturer's installation manuals and AC43.13-2A, paragraph 36, 39, 41 & 43. The Stormscope system wiring was reconfigured for a top-mount antenna.

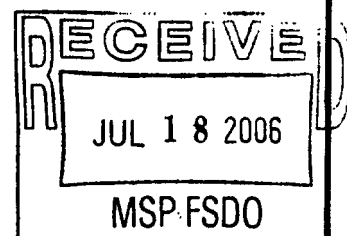
A post installation ground test was performed in accordance with the manufacturer's installation manuals and the systems were found to operate normally.

Refer to sheet 2 for continued airworthiness instructions.

The continuous electrical load does not exceed 80% of the rated alternator capacity.

The aircraft weight & balance change was negligible. No equipment list revision was required. The aircraft log was revised.

END



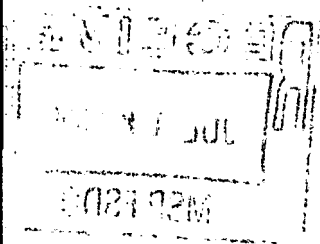
Additional Sheets Are Attached

Date: 7-14-06.

Instructions for Continued Airworthiness:

1. **Introduction:** See sheet 1.
2. **Description:** See sheet 1.
3. **Control, Operation Information:** Operation of the equipment listed on sheet 1 is described in their respective operating guides.
4. **Servicing Information:** N/A.
5. **Maintenance Instructions:** Maintenance of the equipment listed on sheet 1 is "on condition" only. Periodic maintenance of this equipment is not required.
6. **Trouble Shooting Information:** Trouble shooting this equipment should only be accomplished by an appropriately rated, FAA approved individual or facility.
7. **Removal and Replacement Information:** All components listed on sheet 1 can be removed and replaced with common tools and practices.
8. **Diagrams:** N/A.
9. **Special Inspection Requirements:** N/A.
10. **Application of Protective Treatments:** N/A.
11. **Data Relative to Structural Fasteners:** N/A.
12. **List of Special Tools:** N/A.
13. **For Commuter Category Aircraft:** N/A.
14. **Recommended Overhaul Periods:** N/A.
15. **Airworthiness Limitation Section:** N/A.
16. **Revisions:** N/A.

-----END-----



RECEIVED
JUL 18 2006
MSP 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

MSP FSDO GL15

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	T206H
	Serial No.	T20608638	Nationality and Registration Mark	N204JH
2. Owner	Name (As shown on registration certificate) CESSNA AIRCRAFT COMPANY		Address (As shown on registration certificate) PO BOX 7704 WICHITA, KS 67277	

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 WIPAIRE, INC. 1700 HENRY AVE. SOUTH ST. PAUL, MN 55075	B. Kind of Agency		C. Certificate No. RJWR390K
	<input type="checkbox"/>	U.S. Certificated Mechanic	
	<input type="checkbox"/>	Foreign Certificated 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 7/11/06	Signature of Authorized Individual PAUL G DAUPHINAIS
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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 Ft. 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 7/11/06	Certificate or Designation No. RJWR390K	Signature of Authorized Individual PAUL G DAUPHINAIS		

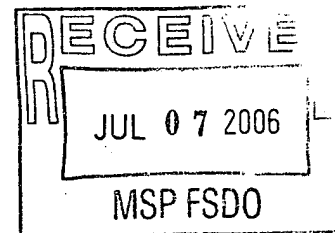
NOTICE

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

8. Description of Work Accomplished

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


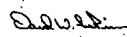
INSTALLED WIPLINE MODEL 3450A FLOATS SERIAL NUMBER 34187 AND 34188 IN ACCORDANCE WITH WIPAIRE, INC. STC# SA01185CH. INSTALLED. INSTALLED WIPAIRE INC RH CABIN DOOR IAW STC SA1470GL DATED 4/17/90. INSTALLED LAKE AND AIR GEAR ADVISORY SYSTEM IAW STC SA39CH DATED 7/2/97.



Additional Sheets Are Attached

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

Form Approved
O.M.B. No. 2120-0018

 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 an attachment. For special flight permits complete Sections II, VI and VII as applicable.							
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N204JH		2. AIRCRAFT BUILDER'S NAME (Make) Cessna Aircraft Company		3. AIRCRAFT MODEL DESIGNATION T206H		4. YR MFR 2006		FAA CODING 2073305 42004			
	5. AIRCRAFT SERIAL NO. T20608638		6. ENGINE BUILDER'S NAME (Make) Lycoming Engines		7. ENGINE MODEL DESIGNATION TIO-540-AJ1A							
	8. NUMBER OF ENGINES One		9. PROPELLER BUILDER'S NAME (Make) McCauley Propeller Systems		10. PROPELLER MODEL DESIGNATION B3D36C432/80VSA-1		11. AIRCRAFT IS (Check if applicable) <input type="checkbox"/> EXPORT <input checked="" type="checkbox"/> IMPORT					
APPLICATION IS HEREBY MADE FOR: (Check applicable items)												
A. <input type="checkbox"/> 1 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"/> COMMUTER <input type="checkbox"/> BALLOON <input type="checkbox"/> OTHER												
B. <input type="checkbox"/> SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)												
II. CERTIFICATION REQUESTED	7. PRIMARY											
	9. LIGHT-SPORT (Indicate Class) <input type="checkbox"/> AIRPLANE <input type="checkbox"/> POWER-PARACHUTE <input type="checkbox"/> WEIGHT-SHIFT CONTROL <input type="checkbox"/> GLIDER <input type="checkbox"/> LIGHTER THAN AIR											
	2. LIMITED											
	5. PROVISIONAL (Indicate class)											
	3. RESTRICTED (Indicate operation(s) to be conducted)											
	4. EXPERIMENTAL (Indicate operation(s) to be conducted)											
	8. SPECIAL FLIGHT PERMIT (Indicate operation (s) to be conducted, then complete Section VI or VII as applicable on reverse side)											
	C. 6. MULTIPLE AIRWORTHINESS CERTIFICATE (check ABOVE: "Restricted Operation" and "Standard" or "Limited" as applicable)											
	A. REGISTERED OWNER (As shown on certificate of aircraft registration) Cessna Aircraft Company IF DEALER, CHECK HERE <input checked="" type="checkbox"/> ADDRESS 14115 Russ Meyer Blvd., PO Box 1996, Independence, KS 67301											
	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.) A4CE - Revision 43 X AIRWORTHINESS DIRECTIVES (Check if all applicable AD's are complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application) 05-10												
AIRCRAFT LISTING (Give page number(s)) N/A SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) N/A												
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS												
X CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR section 91.417 TOTAL AIRFRAME HOURS 3.1 EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed) 3												
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 Title 49 of the United States Code 44101 et seq. 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 06/23/2006 NAME AND TITLE (Print or type) David W. LaPierre Director Quality, Independence Signature 												
A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY (Complete the section only if 14 CFR part 21.183(d) applies).												
2. 14 CFR PART 121 CERTIFICATE HOLDER (Give Certificate No.) 3 CERTIFICATED MECHANIC (Give Certificate No.) 6 CERTIFICATED REPAIR STATION (Give Certificate No.)												
5. AIRCRAFT MANUFACTURER (Give name or firm)												
DATE TITLE SIGNATURE												
(Check ALL applicable block items A and B) A. I find that the aircraft described in Section I or IV meets requirements for <input checked="" type="checkbox"/> THE CERTIFICATE REQUESTED <input type="checkbox"/> AMENDMENT OR MODIFICATION OF CURRENT AIRWORTHINESS CERTIFICATE												
B. Inspection for a special permit under Section VII was conducted by: FAA INSPECTOR FAA DESIGNEE CERTIFICATE HOLDER UNDER 14 CFR part 65 14 CFR part 121 or 135 14 CFR part 145												
DATE 06/23/2006 DISTRICT OFFICE CE-43 DESIGNEE'S SIGNATURE AND NO. Michael J. Stewart ODARF100129CE FAA INSPECTOR'S SIGNATURE												

VI PRODUCTION FLIGHT TESTING	A MANUFACTURER				
	NAME		ADDRESS		
	B. PRODUCTION BASIS <i>(Check applicable item)</i>				
	PRODUCTION CERTIFICATE <i>(Give production certificate number)</i>		→		
	TYPE CERTIFICATE ONLY				
	APPROVED PRODUCTION INSPECTION SYSTEM				
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS					
DATE OF APPLICATION		NAME AND TITLE <i>(Print or type)</i>	SIGNATURE		
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT		REGISTERED OWNER		
	REGISTERED OWNER		ADDRESS		
	BUILDER <i>(Make)</i>		MODEL		
	SERIAL NUMBER		REGISTRATION MARK		
	B. DESCRIPTION OF FLIGHT		CUSTOMER DEMONSTRATION FLIGHTS <input type="checkbox"/> <i>(Check if applicable)</i>		
	FROM		TO		
	VIA		DEPARTURE DATE	DURATION	
	c. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT				
		PILOT	CO-PILOT	FLIGHT ENGINEER	OTHER <i>(Specify)</i>
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:				
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION: <i>(Use attachment if necessary)</i>					
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 et seq and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is safe for the flight described.					
DATE		NAME AND TITLE <i>(Print or type)</i>	SIGNATURE		
VIII AIRWORTHINESS DOCUMENTATION <small>(FAA/DESIGNEE use only)</small>	<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 <i>(Attach when required)</i>		
	<input type="checkbox"/>	B. Current Operating Limitations Attached	H. Foreign Airworthiness Certification for Import Aircraft <i>(Attach when required)</i>		
	<input type="checkbox"/>	C. Data, Drawings, Photographs, etc. <i>(Attach when required)</i>	I. Previous Airworthiness Certificate issued in Accordance with 14 CFR Section _____ CAR _____ <i>(Original attached)</i>		
	<input checked="" type="checkbox"/>	D. Current Weight and Balance Information Available in Aircraft			
	<input type="checkbox"/>	E. Major Repair and Alteration, FAA Form 337 <i>(Attach when required)</i>	<input checked="" type="checkbox"/>	J. Current Airworthiness Certificate Issued in Accordance with 14 CFR Section 21.183 (a) per 21.273 <i>(copy attached)</i>	
	<input checked="" type="checkbox"/>	F. This inspection Recorded in Aircraft Records	K. Light-Sport Aircraft Statement of Compliance, FAA Form 8130-15 <i>(Attach when required)</i>		

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N204JH	2. MANUFACTURER AND MODEL Cessna Aircraft Company T206H	3. AIRCRAFT SERIAL NUMBER T20608638	4. CATEGORY Normal
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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 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

DUPLICATE

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 06/23/2006	FAA REPRESENTATIVE <i>Michael J. Stewart</i> Michael J. Stewart	DESIGNATION NUMBER ODARF100129CE
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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.

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