



U.S. Department of Transportation
Federal Aviation Administration

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

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

For FAA Use Only

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

1. Aircraft	Nationality and Registration Mark N717MM	Serial No. CE-831	
	Make BEECH BONANZA	Model F33	Series A
2. Owner	Name (As shown on registration certificate) ALLEE AJ	Address (As shown on registration certificate)	
		Address 29642 SMOKEY MOUNTAIN TRL. City BULVERDE State TEXAS Zip 78163 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	COREY WEHMEYER	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	Manufacturer
Address	1875 AIRPORT LOOP RD.		<input type="checkbox"/> Foreign Certificated Mechanic
City	KERRVILLE State TEXAS	<input type="checkbox"/> Certificated Repair Station	A&P3364941
Zip	78028 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 	COREY WEHMEYER 9-27-2013
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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. A&P3364941IA	Signature/Date of Authorized Individual COREY WEHMEYER 9-27-2013
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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.)

N717MM

Nationality and Registration Mark

9-27-2013

Date

ON THIS DATE THIS AIRCRAFT ALTERED BY THE REMOVAL OF THE COMPLETE FREON AIRCONDITIONING SYSTEM AND 60 AMP BELT DRIVEN SECONDARY ALTERNATOR SYSTEM THAT WAS INSTALLED UNDER 337 DATED 3-31-2004. THIS ALTERATION RETURNS THE AIRCRAFT BACK TO ORIGINAL CONFIGURATION.

THE AIRCRAFT WAS RE-WEIGHED AND A NEW WEIGHT AND BALANCE FORM HAS BEEN INSTALLED INTO THE AIRCRAFT FLIGHT MANUAL.

END

Additional Sheets Are Attached



US Department of Transportation
Federal Aviation Administration

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

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

Electronic Tracking Number

For FAA Use Only

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

1. Aircraft	Nationality and Registration Mark N717MM	Serial No. CE831	
	Make Beech	Model F33A	Series
2. Owner	Name (As shown on registration certificate) Allee, A.J.	Address (As shown on registration certificate) Address 29642 Smokey Mountain Trail	
		City Bulverde State TX	Zip 78163 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 Name DUGOSH AIRCRAFT SERVICE CO., INC. Address 2025 AIRPORT LOOP City KERRVILLE State TX Zip 78028 Country USA		B. Kind of Agency <input checked="" type="checkbox"/> U. S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Certificated Maintenance Organization	
		Manufacturer C. Certificate No. 2804926 IA	

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="font-family: cursive; font-size: 1.2em;"> DAVID BEHRENS David Behrens </div>
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7. Approval for Return to Service

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

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

Certificate or Designation No. 2804926 IA	Signature/Date of Authorized Individual <div style="font-family: cursive; font-size: 1.2em;"> DAVID BEHRENS David Behrens </div>
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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.)

N717MM

7-25-13

Nationality and Registration Mark

Date

Description of Work Accomplished:

- A. The following components were installed:
PRECISE FLIGHT 2000 Series Electric SpeedBrake STC # SA01075SE. Installation Kit Number 4006-24.
- B. Installed the SpeedBrake system in accordance with Precise Flight Installation report #8085 and guidance in FAA Advisory Circulars 43.13-1A, Chapter 11, and 43.13-2A, Chapter 1 & 2.
- C. An electrical load analysis was performed and the revised continuous load of the alternator (generator or other supply) does not exceed 80% of capacity or approved in accordance with the procedures in FAA Advisory Circular 43.13-1A, Chapter 11, Section 426.
- D. A complete operational test was performed according to SPEEDBRAKE Installation Manual #8085 date February 4, 2009. The equipment performed satisfactorily and did not adversely affect existing components or systems in the aircraft, as required by FAR 23.1301, FAR 23.1431.
- E. The aircraft equipment list was revised to reflect these changes; weight and balance data was revised and placed in the aircraft records. A Precise Flight Inc. SPEEDBRAKE Aircraft Flight Manual Supplement dated June 19, 2003 was placed in the aircraft.

-----THE END-----

Additional Sheets Are Attached

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA010755E

This certificate, issued to **Precise Flight, Inc.**
 63354 Powell Butte Road
 Bend, OR 97701

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:	A-777	3A15
Make:	Beech	Beech
Model:	A35, B35, C35, D35, E35, F35, G35, 35R	35-33, 35-A33, 35-E33, 35-C33, 35-C33A, E33, E33A, F33, F33A, F33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, 36, A36, A36TC

Description of the Type Design Change: Installation of the Precise Flight, Inc. SpeedBrake 2000 System. Manufactured in accordance with Precise Flight Engineering Drawing List 010S0000, Revision X, dated April 25, 2003, or later FAA approved revision. Installed in accordance with Precise Flight, Inc. Engineering Drawing List 121S0000, Revision E, dated May 28, 2003, or later FAA approved revision. Maintained in accordance with Precise Flight, Inc. Instructions for Continued Airworthiness as stated in FAA Approved Aircraft Flight Manual Supplement, dated June 19, 2003, or later FAA approved revision.

Limitations and Conditions: This installation requires the installation of the following stall warning STC's SA177EA or SA361EA, or equivalent for models A35, B35, C35, D35, E35, F35, G35, and 35R. Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of these models 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 and FAA approved Airplane Flight Manual Supplement (AFMS) 121SMANG001 Revision A, dated June 19, 2003, or later FAA approved revision, must be maintained as part of the permanent records for the modified airplane.

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

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

Date of application: October 30, 2001
 Date of issuance: April 25, 2002

Date issued:
 Date amended: 5/24/02; 1/24/03; 6/19/03; 11/7/03



By direction of the Administrator:

 Acting Manager, Seattle Aircraft
 Certification Office

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



U.S. Department
of Transportation
Federal Aviation
Administration

Transport Airplane Directorate
Aircraft Certification Service

1974 Lind Avenue S.W.
Renton, Washington 98055-4356

NOV 25 2003

In Reply

Refer To: 190S-03-784

Mr. James N. Sutherland
Director of Engineering
Precise Flight, Inc.
P.O. Box 7168
Bend, OR 97706

Dear Mr. Sutherland:

This is in response to your submittal of Precise Flight Speedbrakes for the Beech Bonanzas Engineering Drawing List, 121S0000, Revision F, dated November 14, 2003. This drawing list is applicable to the Supplemental Type Certificate SA01075SE.

We have reviewed your proposed drawing list revision, and find the document listed herein to be acceptable. This drawing change is to allow for installation in 12 volt models and incorporate minor changes.

Sincerely,

A. J. Pasion
Manager, Special Certification Branch
Seattle Aircraft Certification Office



US Department of Transportation
Federal Aviation Administration

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

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

Electronic Tracking Number

For FAA Use Only

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

1. Aircraft	Nationality and Registration Mark N717MM	Serial No. CE831
	Make Beech	Model F33A
2. Owner	Name (As shown on registration certificate) Allee, A.J.	Address (As shown on registration certificate) Address 29642 Smokey Mountain Trail City Bulverde State TX Zip 78163 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		C. Certificate No. 2804926 IA
Name	DUGOSH AIRCRAFT SERVICE CO., INC.	<input checked="" type="checkbox"/>	U. S. Certificated Mechanic	
Address	2025 AIRPORT LOOP	<input type="checkbox"/>	Foreign Certificated Mechanic	
City	KERRVILLE State TX	<input type="checkbox"/>	Certificated Repair Station	
Zip	78028 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 David Behrens <i>David Behrens</i>
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7. Approval for Return to Service

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

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

Certificate or Designation No. 2804926 IA	Signature/Date of Authorized Individual David Behrens <i>David Behrens</i>
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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.)

N717MM

07-25-13

Nationality and Registration Mark

Date

Installed D'Shannon Products, LTD., 20-gallon Fiberglass Auxiliary Wing-tip Fuel Tanks Kit, P/N DLB-1400, S/N 130429-01/02. All work done per D'Shannon Installation Manual No. KB-1401-1 and STC No. SA02722CH. Installed Flight Manual Supplement No. FMS-DP-X-TT and Instruction for Continued Airworthiness No. DP-ICA-1400. Updated weight and balance.

-----END-----

Additional Sheets Are Attached

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

Number SA02722CH

This certificate issued to D'Shannon Products, Ltd.
1309 County Road 134
Buffalo, MN 55313

*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

Make: * List (AML) No. SA02722CH for list of

Model: * approved airplane models and applicable airworthiness regulations

Description of Type Design Change:

Install D'Shannon Products, Ltd. 20-gallon fiberglass auxiliary wing-tip fuel tanks DLB1400, Rev. B dated May 14, 2009, in accordance with Installation Manual KB-1401-1, Rev. A, dated May 14, 2009, or later FAA approved revision.

Limitations and Conditions:

1. Compatibility of this design change with previous modifications must be determined by the installer.
2. A copy of this Certificate and FAA Approved Model List (AML) No. SA02722CH, and Flight Manual Supplement for individual aircraft, must be maintained as part of the permanent records for the modified aircraft.
3. Airplanes modified pursuant to this STC must be maintained in accordance with D'Shannon Products, Ltd. Instructions for Continued Airworthiness (ICA) Document No. DP-ICA-1400, Rev. IR., dated 4/10/09 or later FAA-accepted revision. Airworthiness Limitations FAA Approved 7/1/09, are contained within the ICA.
4. 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: April 13, 2009

Date of issuance: July 1, 2009

Date reissued:

Date amended:

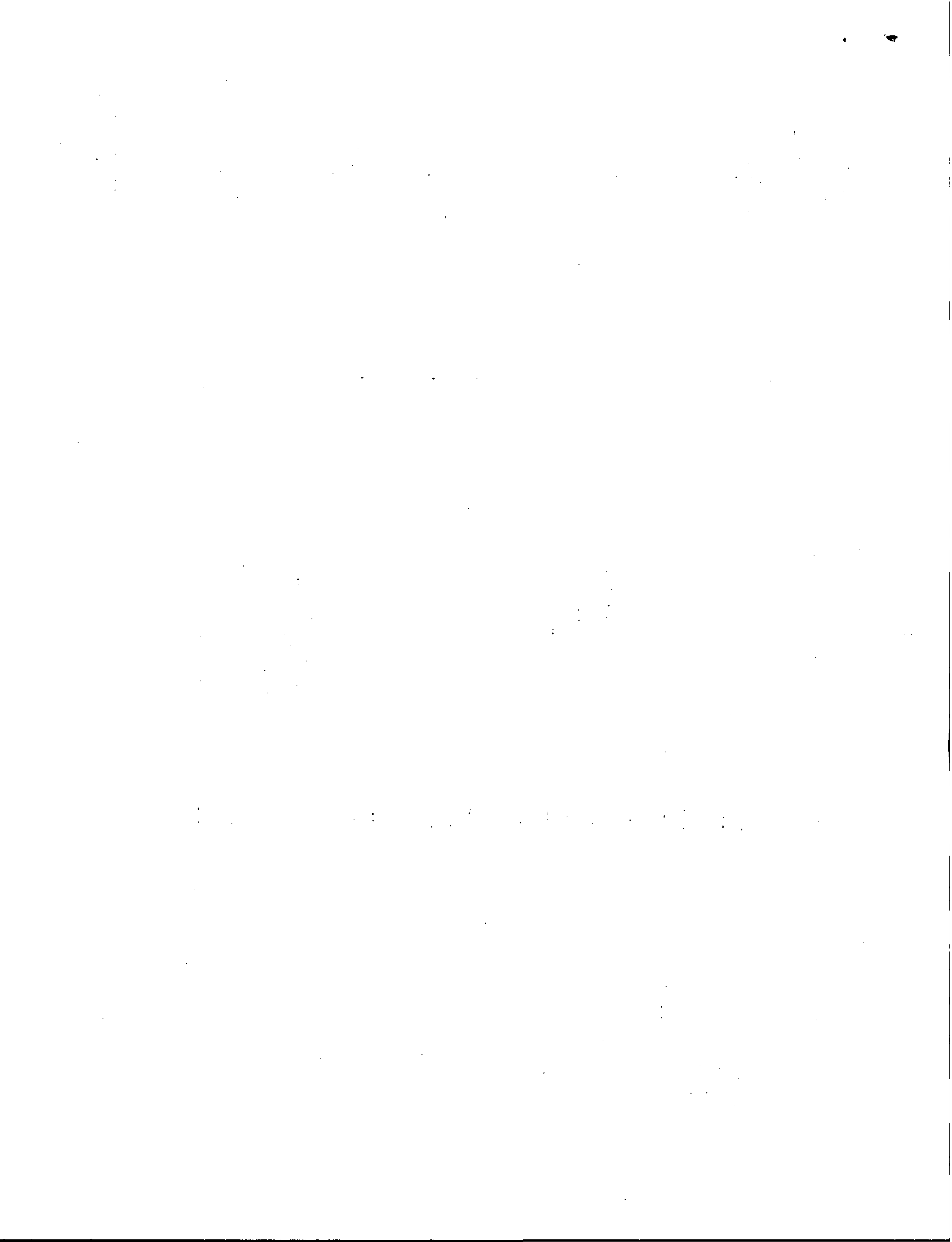
By direction of the Administrator



(Signature)
Thaddeus D. Krolicki Jr.
Manager, Propulsion Branch
Chicago Aircraft Certification Office

(Title)

Permission is hereby given for the following aircraft and only valid if the signature in the approval by is signed by Scott Erickson and the return of the registration slip is validated.
Model F33A Call # 20537 Serial # C.E. 831
Kit # D3172 Approved By SE Date 5/14/13



FAA APPROVED MODEL LIST (AML)

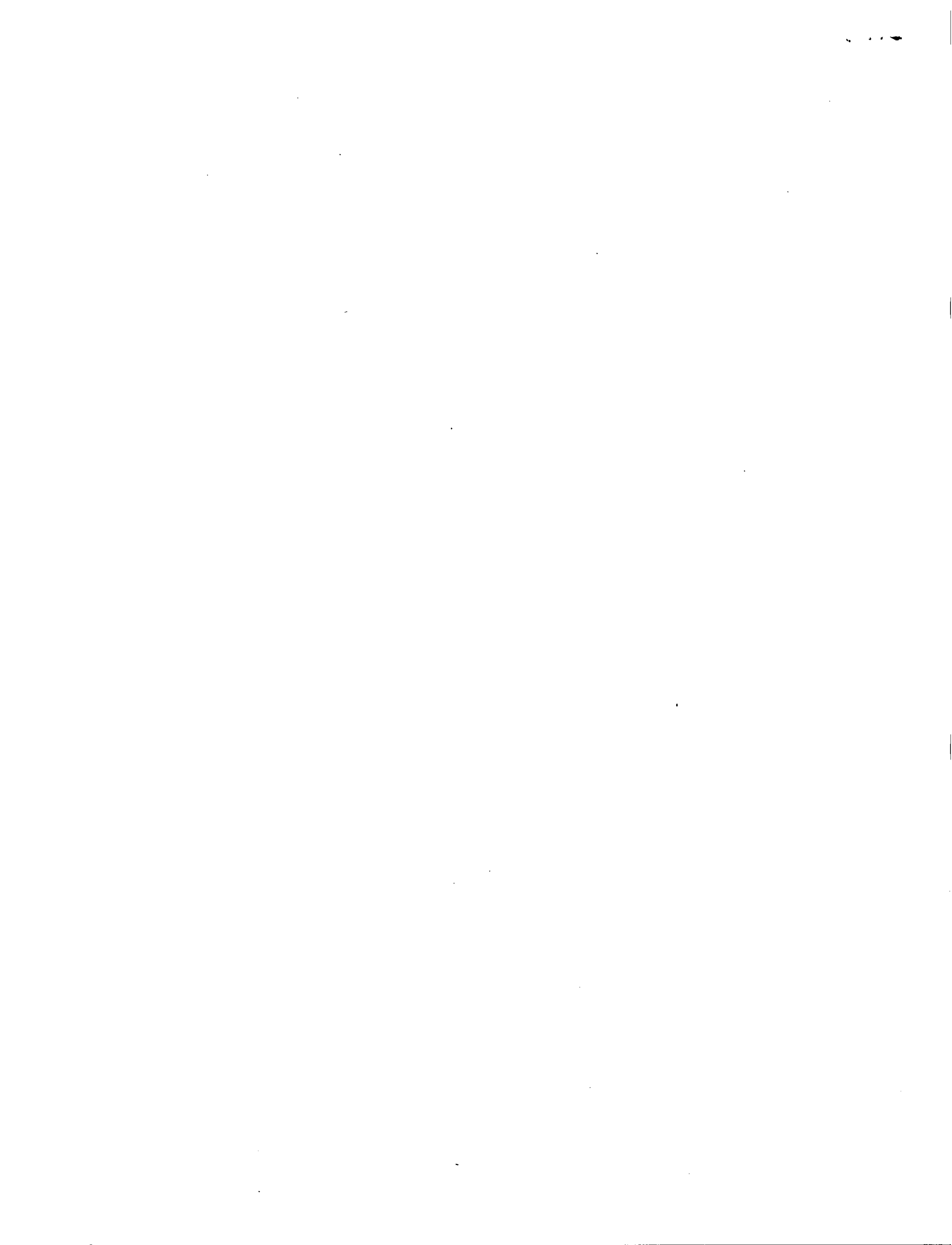
NUMBER SA02722CH

D'Shannon Products, LTD

Issue Date: July 1, 2009

AIRPLANE MAKE	AIRPLANE MODELS	MAXIMUM GROSS WEIGHT LBS	REQUIRED FLIGHT		ELIGIBLE SERIAL NUMBERS	INSTALLATION		TYPE CERTIFICATE NUMBER	CERTIFICATE BASIS	AML AMENDMENT DATE
			MANUAL SUPPLEMENT DOCUMENT NUMBER	REV. DATE*		MANUAL DOCUMENT REV. DATE*	NUMBER			
Hawker Beechcraft	35	2550	FMS-DP-35 TT	IR	5/26/2009	Permission is hereby given for the use of this aircraft and only valid when the signature of the signatory is present and the return of the registration slip is required. Model F33A Call # 20537 Serial # CE-831 Kit # A3172 Approved By SE Date 5/14/09	A-777	CAR 03 Dated 11/13/1945		
	A35, B35	2850	FMS-DP-AB35 TT	IR	5/26/2009					
	C35	2900	FMS-DP-C35 TT	IR	5/26/2009					
	D35	2925	FMS-DP-D35 TT	IR	5/26/2009					
	E35	2950	FMS-DP-E35 TT	IR	5/26/2009					
	F35	2975	FMS-DP-FG35 TT	IR	5/26/2009					
	G35	3100	FMS-DP-HJ35 TT	IR	5/26/2009					
	H35, J35	3150	FMS-DP-KM35 TT	IR	5/26/2009					
	K35, M35	3325	FMS-DP-NP35 TT	IR	5/26/2009					
	N35, P35	3202	FMS-DP-AF33 TT	IR	5/26/2009					
	35-33, 35-A33	3465	FMS-DP-G33 TT	IR	5/26/2009					
	35-B33, 35-C33		FMS-DP-S35 TT	IR	5/26/2009					
	E33, F33	3600	FMS-DP-E33C TT	IR	5/26/2009					
	G33		FMS-DP-V35AB TT	IR	5/26/2009					
	S35		FMS-DP-F33C TT	IR	5/26/2009					
35-C33A, E33A, E33C	3780	FMS-DP-36E TT	IR	5/26/2009	E-1 thru E-2110					
V35, V35A, V35B					Except E-1946 & E-2104					
F33A, F33C					E-1946, E-2104, E-2111 & Subsq.					
36, A36	3833	FMS-DP-36L TT	IR	5/26/2009	EA-1 thru EA-272					
A36, G36					Except EA-242					
A36TC										

Thaddeus D. Kroligki Jr.
 Manager, Propulsion Branch
 Chicago Aircraft Certification Office





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

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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 N717MM	Serial No. CE-831	
	Make BEECHCRAFT	Model F33	Series -A
2. Owner	Name (As shown on registration certificate) JAMES GANDY	Address (As shown on registration certificate) Address 108 LARRY LEE DRIVE	
		City KERRVILLE State TEXAS	Zip 78028 Country USA

3. For FAA Use Only

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

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name COREY WEHMEYER- KERRVILLE AVIATION		<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer
Address 1875 AIRPORT LOOP RD.		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City KERRVILLE State TEXAS		<input type="checkbox"/> Certificated Repair Station	A&P3394941
Zip 78028 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 COREY WEHMEYER 12-12-2012
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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. A&P3364941A	Signature/Date of Authorized Individual COREY WEHMEYER 12-12-2012
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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.)

N717MM	12-12-2012
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Nationality and Registration Mark

Date

ON THIS DATE THE ABOVE AIRCRAFT HAS BEEN ALTERED BY THE INSTALLATION THE FOLLOWING KITS.

- 1- KNOTS 2U FLAP AND AILERON GAP SEALS IN ACCORDANCE WITH STC #SA421GL. AND INSTALLATION MANUAL SA421GL REVISION A, DATED AUGUST 4,1998 OF LATER FAA APPROVED REVISIONS.
- 2- MICRO AERODYNAMICS VORTEX GENERATORS IN ACCORDANCE WITH STC#SA00803SE. AND INSTALLATION MANUAL MA2135 REVISION A DATED OCTOBER 28,2008.
- 3- LOPRESTI SPPED MERCHANTS WHEEL HUB CAPS IN ACCORDANCE WITH STC#SA01224AT AND LOPRESTI MASTER DRAWING LIST, REPORT NO. 36, REVISION B DATED APRIL 02,1997 OR LATER FAA APPROVED VERSION.
- 4- KNOTS 2U PNEUMATIC LUGGAGE DOOR STRUT IN ACCORDANCE WITH STC#SA00899CH AND INSTALLATION MANUAL AML NP. SA00899CH OR LATER APPROVED REVISIONS.
- 5- REMOVED EXISTING PROPELLER AND INSTALLED HARTZELL PHC-C3YF-1RF/F8068 IN ACCORDANCE WITH STC#SA10135SC AND HARTZELL DRAWING NO. 999005 REVISION A DATED MARCH 28,2002 OR LATER FAA APPROVED REVISION. AIRCRAFT FLIGHT MANUAL HAS BEEN UPDATED TO REFLECT THIS INSTALL.

AIRCRAFT WAS REWEIGHED AT THIS TIME. A NEW WEIGHT AND BALANCE WAS RECONFIGURED AND INSERTED IN THE PERMANENT AIRCRAFT RECORDS AND FLIGHT MANUAL.

-----END-----

Additional Sheets Are Attached

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

Number SA00899CH

This certificate, issued to Knots 2U, Ltd.
3106 Bieneman Road
Burlington, WI 53105

*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: **
*Make: **
*Model: **

*See attached FAA Approved Model List (AML) No. SA00899CH for list of approved airplane models and applicable airworthiness regulations.

Description of Type Design Change:

Installation of Pneumatic Luggage Door Strut on those models with an extended luggage door in accordance with the Knots 2U, Ltd. Installation Manuals as listed on AML No. SA00899CH, or later FAA approved revisions.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer. 2. A copy of this Certificate and FAA Approved Model List (AML) No. SA00899CH, reissued July 8, 1998, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft. 3. 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 May 19, 1998

Date issued: July 8, 1998

Date of issuance: June 24, 1998

Date amended:



By direction of the Administrator

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

(Title)

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


This certificate may be transferred in accordance with FAR 21.47.



FAA APPROVED MODEL LIST (AML) NO. SA00899CH
 KNOTS 2U, LTD.
 FOR
 INSTALLING PNEUMATIC STRUT

ISSUE DATE: 6/24/98

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS		AFM SUPPLEMENT NUMBER/DATE	AML AMENDMENT DATE
					NUMBER	REVISION NO. & DATE		
1	Raytheon Aircraft Company (Beech)	35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, G33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B	3A15	CAR 3	Beechcraft Models 33/35 "Knots 2U, Ltd. Luggage Door Strut Installation Manual"	1/1/98	N/A	N/A
2	Raytheon Aircraft Company (Beech)	95, B95, B95A, D95A, E95, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, D55, D55A, E55, E55A, 56TC, A56TC	3A16	CAR 3	Beechcraft Models 55/56 "Knots 2U, Ltd. Luggage Door Strut Installation Manual"	1/1/98	N/A	N/A

FAA APPROVED: 
 Gregory J. Michalik, Senior Aerospace Engineer
 Airframe & Administrative Branch
 Chicago Aircraft Certification Office

Reissued: 7/8/98

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

Number SAI0135SC

This Certificate issued to: Hartzell Propeller, Inc.
One Propeller Place
Piqua, OH 45356

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: 3A15

Make: Beech

Model: 35-C33A; 36; A36; E33A; E33C; F33A; F33C; S35; V35;
V35A; V35B

Description of Type Design Change:

Installation of Hartzell model PHC-C3YF-1RF/F8068 propeller in accordance with Hartzell Drawing No. 999005, Revision A, dated March 28, 2002, or later FAA approved revision. FAA approved Airplane Flight Manual Supplement AFMS999005, dated April 3, 2003, or later FAA approved revision is required.

Limitations and Conditions: This installation includes the above model aircraft equipped with Teledyne Continental Motors IO-520-B, IO-520-BA, IO-520-BB, or IO-550-B model engine. 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 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: November 12, 2002

Date received:

Date of issuance: April 03, 2003

Date amended:



By direction of the Administrator:

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

(Title)



Hartzell Propeller Inc.
One Propeller Place
Piqua, OH 45356-2634 USA
Tel: +1-937-778-4200
Fax: +1-937-778-4215
www.hartzellprop.com

Hartzell Top Prop Performance Conversions

Authorization For Use of STC Document

This Supplemental Type Certificate is the property of Hartzell Propeller, Inc. Hartzell Propeller, Inc. authorizes the use of the STC data only for the aircraft specified below. Any use of this STC beyond the aircraft specified below is a violation of proprietary laws and is subject to legal action.

Please keep the STC, installation instructions, Flight Manual Supplement, and this authorization sheet, in a secure location. There will be a charge for issuing replacement documents.

STC Number : SA10135SC
Aircraft Model: BEECH BONANZA F33A
Serial Number: CE-831
Aircraft Registration: N717MM

Date Issued: 10/17/2012

A handwritten signature in cursive script that reads "Kathy Black". The signature is written over a horizontal line.

Kathy Black
Hartzell Top Prop Performance Conversions

Hartzell Customer Reference: KERRVILLE AVIATION

CO 175828

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 hereon 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 'B', 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
(See continuation sheet 3 of 4)

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: September 13, 1996

Date received:

Date of issuance: December 10, 1996

Date amended: October 21, 1997; April 17, 1998



By direction of the Administrator

(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 3 years, or both.

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	E	Hub Cap		

Supplemental Type Certificate

Number SA00803SE

This certificate, issued to **Micro AeroDynamics, Inc.
4000 Airport Road, 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 3 of the Civil Air Regulations.

Original Product—Type Certificate Number: 3A15
Make: Beech
Model: 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, 36, A36, A36TC, B36TC G36

Description of the Type Design Change: Installation of vortex generators on the wings and tail surfaces of the above model aircraft in accordance with Micro AeroDynamics Drawing Package MA2134, Revision A, dated October 28, 2008, and Installation Manual MA2135, Revision A, dated October 28, 2008, (35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33, E33A, E33C, F33, F33A, F33C, G33, 36, A36, G36, A36TC) or Installation Manual MA2136, Revision IR, dated April 7, 2000, (B36TC) or later FAA-approved revisions.

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

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 on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. Additionally, if more than 5 vortex generators are damaged or missing, the aircraft is not to be considered airworthy. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.

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

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

Date of application: March 15, 2000

Date reissued:

Date of issuance: May 16, 2000

Date amended: July 31, 2000, November 7, 2008



By direction of the Administrator

[Signature]

 (Signature)

Acting Manager, Seattle Aircraft
 Certification Office

 (Title)

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

This certificate may be transferred in accordance with FAR 21.47.





US Department of Transportation
Federal Aviation Administration

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

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

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §43601(a))

1. Aircraft	Nationality and Registration Mark N717MM	Serial No. CE-831	
	Make BEECH	Model F33A	Series
2. Owner	Name (As shown on registration certificate) JAMES GANDY		Address (As shown on registration certificate) Address 108 LARRY CREE DR.
			City KELLVILLE State TX Zip 78023 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	POWERPLANT	Continental	IO-550-B	281513-R
<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	CORY WEHMAYER	<input checked="" type="checkbox"/>	U.S. Certified Mechanic
Address	1875 Airport Loop RD	<input type="checkbox"/>	Foreign Certified Mechanic
City	KELLVILLE State TEXAS	<input type="checkbox"/>	Certified Repair Station
Zip	78023 Country USA	<input type="checkbox"/>	Certificated Maintenance Organization
		C. Certificate No. AP3364941	

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 Regulation and the that 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 12-12-2012
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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 Approve 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. AP3364941/11A	Signature/Date of Authorized Individual 12-12-2012
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United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SE09217SC

This Certificate issued to General Aviation Modifications, Inc.
2800 Airport Road
Hangar A
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)]
Make: for list of Approved models and applicable airworthiness
Model: regulations]

Description of Type Design Change: Installation of modified fuel injector nozzles in accordance with General Aviation Modifications, Inc. "Data List", Revision 003, dated September 24, 1996, and Installation Procedure No. IP-96-001, "GAMIJECTOR Installation Procedure for Teledyne Continental Motors (TCM) IO-550/520/470 Engine Revision 004, dated September 25, 1996, or later FAA approved revisions.

Limitations and Conditions: Compatibility of this design change with previously approved modifications must be determined by the installer. This STC does not allow any adjustment to the fuel injection control unit. Compliance with the following Teledyne Continental Service Bulletins is required: M78-11 Fuel Injection System Inspection; M85-19 Fuel Injection System Application Guide; M87-12 Rev. 1 Recommended Fuel and Oil Grades; M89-10 Fuel System Adjustment; and M89-18 EGT recommendations.

This certificate and the supporting data which is the basis for the 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 22, 1995

Date reissued:

Date of issuance: April 30, 1996

Date amended: 9/27/1996; January 08, 1997, Rev.



By direction of the Administrator

A. J. Merrill
(Signature)

A. J. Merrill
Manager, Special Certification Office
Southwest Region

(Title)

FAA APPROVED MODEL LIST (AML)

STC No. SE09217SC

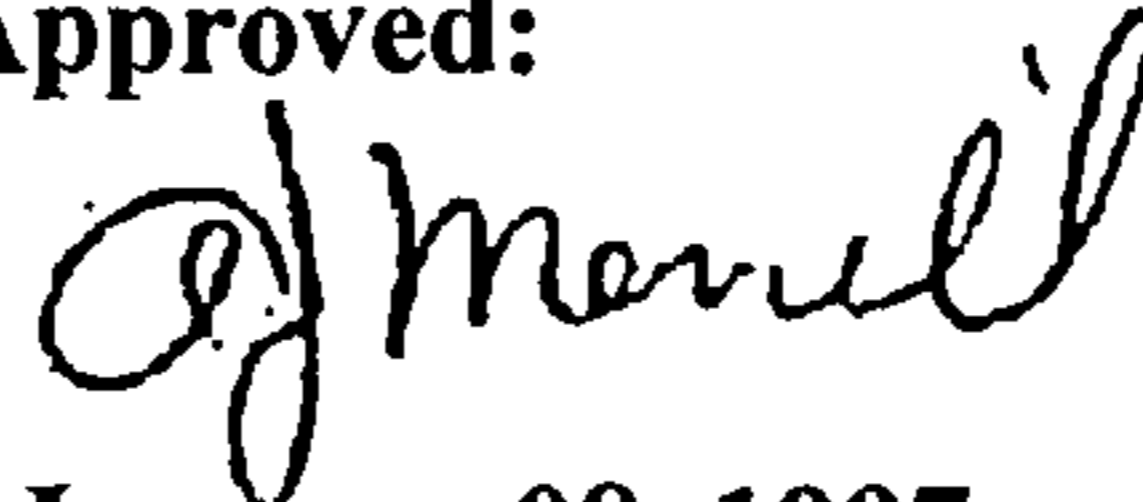
General Aviation Modifications, Inc.
2800 Airport Road, Hangar A
Ada, OK 74820

Date of Issuance: April 30, 1996

Date Amended: January 08, 1997, Rev. 2

Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Regulation / Part
1	Teledyne Continental Motors	IO-470-A & C	E-273	CAR 13
2	Teledyne Continental Motors	IO-470-D, E, F, G, H, J, K, L, LO, M, N, P, R, S, T, U, V, VO, & L/IO-470-A	3E1	CAR 13
3	Teledyne Continental Motors	IO-520-A, B, BA, BB, C, CB, D, E, F, J, K, L, M, & MB	E5CE	CAR 13
4	Teledyne Continental Motors	IO-550-A, B, C, D, E, F, & L	E3SO	FAR 33

FAA Approved:

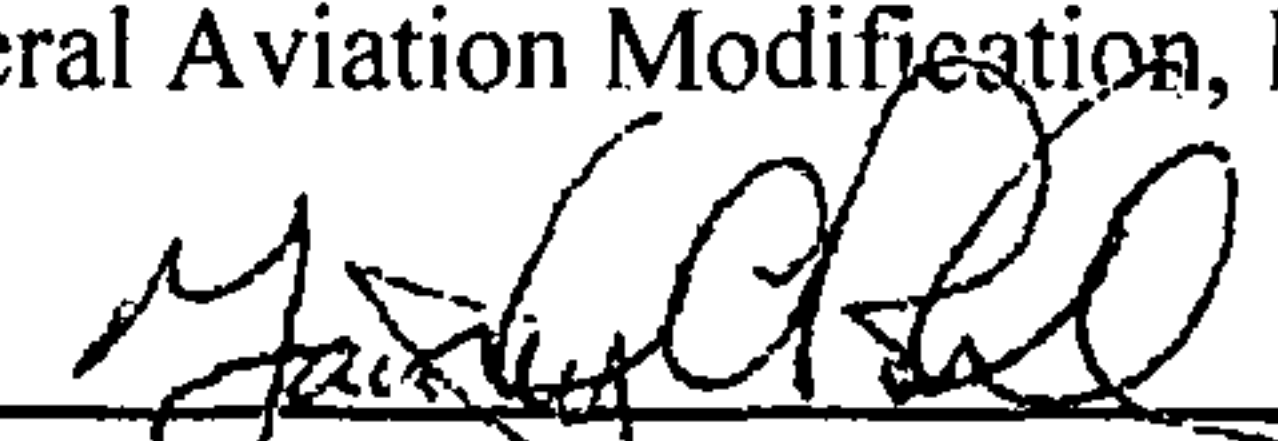


Date: January 08, 1997

Persuant 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 N717MM, to alter that certain Continental Motors engine:

Model IO-550-B, SN 281513-R, and ONLY that serial number, by application of STC No. SE9217SC, to that specific engine, for the purpose of installing the fuel injector nozzles which are the subject of that STC.

General Aviation Modification, Inc.


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

[SEAL]

6-Nov-2012

Date

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
STANDARD AIRWORTHINESS CERTIFICATE

1 NATIONALITY AND REGISTRATION MARKS N717MM	2 MANUFACTURER AND MODEL BEECH AIRCRAFT CORP. F33A	3 AIRCRAFT SERIAL NUMBER CE-831	4 CATEGORY UTILITY
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5 AUTHORITY AND BASIS FOR ISSUANCE

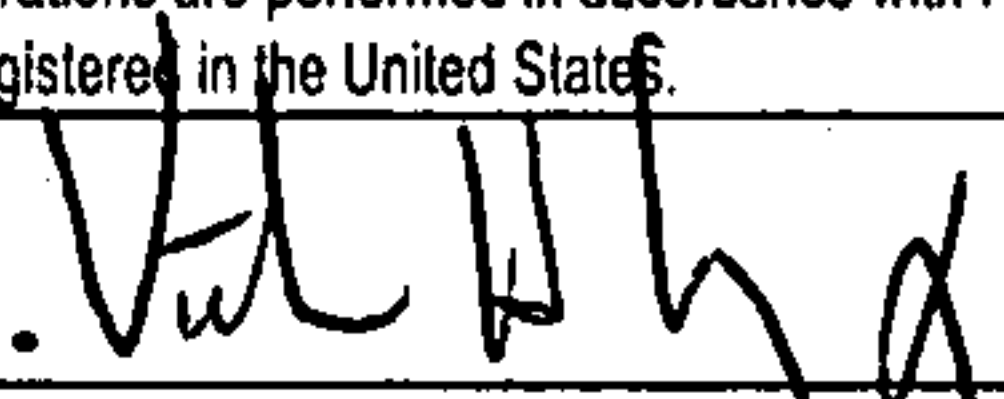
This airworthiness certificate is issued pursuant to 49 U.S.C. § 44704 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements 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 FAA, this airworthiness certificate is effective as long as the maintenance, preventive maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
R-12-8-1978	VICTOR H. LOPEZ, JR. 	SAT FSDO SW17

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

1. NATIONALITY AND REGISTRATION MARKS N20537	2. MANUFACTURER AND MODEL BEECH AIRCRAFT CORP. F33A	3. AIRCRAFT SERIAL NUMBER CE-831	4. CATEGORY UTILITY
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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

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 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 Dec. 8, 1978	FAA REPRESENTATIVE D. M. Porteous	DESIGNATION NUMBER DOA, PC#8
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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.

F



U.S. Department of Transportation
Federal Aviation Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

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

1. Aircraft	Make: Beech	Model: F33A
	Serial No: CE-831	Nationality and Registration Mark N20537
2. Owner	Name (As shown on registration certificate) PARKER DAWN	Address (As shown on registration certificate) 4885 MONROE FOREST DR JACKSONVILLE, FL 32257

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				
	Mnfctr				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Bragg Avionics, Inc. 855 N. St. Johns Bluff Rd. Jacksonville, Florida 32225	<input type="checkbox"/> U.S. Certificated Mechanic	UV1R546K
	<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 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: 07/30/2010	Signature of Authorized Individual
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is (X) Approved () Rejected

BY	<input type="checkbox"/> FAA Flt. Standards Inspector	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Inspection Authorization	Other (specify)
	<input type="checkbox"/> FAA Designee	<input checked="" type="checkbox"/> Repair Station	<input type="checkbox"/> Person Appr. by Transport Canada Airworthiness Group	

Date of Approval or Rejection 07/30/2010	Certificate or Designation No. UV1R546K	Signature of Authorized Individual
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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.)

N20537

Install Garmin GMA340 audio panel in top of center stack and interface with system. Install Garmin GNS430W NAV/COM/GPS in top of center stack below audio panel and interface with existing HSI indicator. Install Deklin DWA1000 WAAS annunciator on pilot's panel and interface with GNS430W. Install Garmin GA35 WAAS GPS antenna on top of aircraft to skin above passenger seating. Install second GA35 WAAS GPS antenna on top of aircraft to skin above passenger seating for future use. Install Garmin GA58 TAS antenna on top of aircraft to skin above passenger seating for future use. This GPS installation was done in accordance with STC SA01933LA-D. Instructions for continued airworthiness are included in Garmin document 190-00356-65 Rev. B, Jul, 2009 in the aircraft maintenance records. An approved flight manual supplement was placed in the flight manual. An integration and static test were performed to reinstate IFR status.

There is no preventative maintenance required on the installed equipment. The unit(s) are installed in accordance with the factory installation manual(s). Garmin 190-00356-02 Rev. G, Dec, 2008, Garmin 190-00993-04 Rev. 2, Nov, 2009, Deklin Install Manual Rev 1.2 01/10

This installation was accomplished in accordance with: AC 43.13-1B, Chapter 5, Section 1, Chapter 11, Section 2, 3, 4, 5, 7, AC 43.13-2A.

A ground test was performed and found satisfactory.

This installation will not cause a hazard to other aircraft systems, or operation of the aircraft, or its occupants.

The calculated electrical load remains within 80% of the system capacity.

The aircraft needs to be weighed.

1. Introduction: Garmin GNS430W, Garmin GMA340, Garmin GA35, Garmin GA58, Deklin DWA1000.
2. Description: Garmin GNS430W is a GPS/NAV/COM/WAAS, Garmin GMA340 is an Audio Panel/6 Place ICS, Garmin GA35 is a WAAS Antenna, Garmin GA58 is a TAS antenna, Deklin DWA1000 is a WAAS annunciator.
3. Control Ops Info: Consult owner's manuals for OPS.
4. Service Information: Unit(s) will notify operator of service needs.
5. Maintenance Information: Unit(s) will notify operator of any failures.
6. Trouble Shooting Information: Unit(s) has self test.
7. Removal and Replacement Information: Power off, unscrew remove, reverse to install.
8. Diagrams: None
9. Special Inspections: None
10. Application of Special Treatments: None
11. Data Relative: None
12. List of Special Tools: None
13. Commuter Category Requirements: None
14. Recommended Overhaul Periods: None
15. Airworthiness Limitations: None
16. Revision: For any revisions to these instructions for continued airworthiness, a letter will be submitted to the local FAA FSDO.

-----END-----



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 N20537	Serial No. CE-831	
	Make BEECH	Model F-33A	Series
2. Owner	Name (As shown on registration certificate) JAMES DUNCAN	Address (As shown on registration certificate) Address 2840 NE 59TH COURT	
		City FORT LAUDERDALE State FL Zip 33308 Country USA	


3. For FAA Use Only

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

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name	RONALD SCHMIDT. SCHMIDT AVIATION INC.	<input checked="" type="checkbox"/>	U. S. Certificated Mechanic	<input type="checkbox"/>	Manufacturer
Address	1020 NW 62ND STREET, #6	<input type="checkbox"/>	Foreign Certificated Mechanic	<input type="checkbox"/>	
City	FORT LAUDERDALE State FL	<input type="checkbox"/>	Certificated Repair Station	<input type="checkbox"/>	
Zip	33309 Country USA	<input type="checkbox"/>	Certificated Maintenance Organization	<input type="checkbox"/>	AP1474976IA


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 RONALD A SCHMIDT/MAY 18, 2007 
--	--

7. Approval for Return to Service

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

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

Certificate or Designation No. 1474976	Signature/Date of Authorized Individual RONALD A SCHMIDT/MAY 18, 2007 
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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.

N20537

MAY 18, 2007

8. Description of Work Accomplished

Nationality and Registration Mark

Date

MAY 18, 2007 BEECH MODEL: F-33A SERIAL: CE-831 N20537 TACH: 445.2 TOTAL TIME: 2,688.4

1. Removed leading edge assembly from the right wing due to damage caused by a bird strike.
2. Drilled and removed the inboard leading edge skin PN 000-110105-56 from the assembly.
3. Due to unavailability of a skin we fabricated a new skin out of the same 2024T3 material of .032" thickness.
4. Fit and riveted the new skin onto the leading edge assembly.
5. Reinstalled the leading edge assembly onto the wing using new pins PN 35-115388-4.
6. Prepared, primed and painted the leading edge.

----- END -----



US Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification
SO-FSDO 35

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

1. Aircraft	Make RAYTHEON AIRCRAFT CO	Model F33A
	Serial No. CE-831	Nationality and Registration Mark N20537
2. Owner	Name (As shown on registration certificate) DUNCAN JAMES D	Address (As shown on registration certificate) 2840 NE 59th CT FT LAUDERDALE, FL 33308

3. For FAA Use Only

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

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
RAYTHEON AIRCRAFT SERVICES, INC. 2450 N. WESTSHORE BLVD. TAMPA, FL. 33607	<input type="checkbox"/> U.S. Certified Mechanic	VG4R595M AIRFRAME
	<input type="checkbox"/> Foreign Certified Mechanic	
	<input checked="" type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 04/21/2005	Signature of Authorized Individual John Canncey <i>[Signature]</i>
---------------------------	--

7. Approval for Return to Service

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

BY	FAA Flt. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 04/21/2005		Certificate or Designation No. VG4R595M	Signature of Authorized Individual John Canncey <i>[Signature]</i>	

NOTICE

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

B. Description of Work Accomplished

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

PERFORMED MAJOR ALTERATION BY INSTALLATION OF ACRYLIC WINDOW LINERS IN ACCORDANCE WITH G&D AERO PRODUCTS INC. STC# SA3759NM WITH FAA APPROVED G&D AERO PRODUCTS INC. REPORT #1, REVISION B, DATED MARCH 15, 1995.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS: NONE.

LIMITATIONS: NONE.

WEIGHT, BALANCE AND EQUIPMENT LIST REVISED.

COMPLIED WITH LOG ENTRY.

REFERENCE RAYTHEON AIRCRAFT SERVICES - TAMPA, FL WORK ORDER 1411-2510

-----END-----

Additional Sheets Are Attached

FAA



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
SAT PSDU SW 17

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 BEECHCRAFT	Model F33A
	Serial No. CE-831	Nationality and Registration Mark N20537
2. Owner	Name (As shown on registration certificate) DUNCAN, JAMES D.	Address (As shown on registration certificate) 2840 N. E. 59th COURT FT. LAUDERDALE, FL. 33308

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 DIALCO, INC. RT 2, R45 MERCEDES, TX 78570	B. Kind of Agency	C. Certificate No. D7LR466N LIMITED AIRFRAME
	<input type="checkbox"/> U.S. Certificated Mechanic	
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/> Certificated Repair Station	
	Manufacturer	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 12/13/02	Signature of Authorized Individual <i>Douglas Kelly</i> DI-03 DOUGLAS KELLY
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7. Approval for Return To Service

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

BY	FAA Fit. Standards Inspector	X	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee		Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 12/13/02	Certificate or Designation No. D7LR466N	Signature of Authorized Individual <i>Douglas Kelly</i> DI-03 DOUGLAS KELLY			

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.)

THIS THE BACK SIDE OF FAA FORM 337 DATED 12/13/02 FOR BEEHCRAFT F33A S/N CE-831 N20537 CONSISTS OF THE FOLLOWING INSTALLATION;

- 1.) INSTALLED BERYL D' SHANNON AVIATION SPECIALTIES, INC., SPEED SLOPED WINDSHIELD INSTALLED IN ACCORDANCE WITH S.T.C. SA997SO DRAWING B19000, REVISION D, DATED 11/09/79. 3/8" SSW-L P/N B19005-211 S/N B043088-1025

ALL PERTINENT INFORMATION WAS INSERTED INTO AFM / POH AND NEW WEIGHT AND BALANCE WAS COMPUTED

*****END*****

Additional Sheets Are Attached

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

FOR FAA USE ONLY

OFFICE IDENTIFICATION

5017 JAD

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

1. AIRCRAFT	MAKE Beechcraft	MODEL F 33A
	SERIAL NO. CE-831	NATIONALITY AND REGISTRATION MARK N 20357
2. OWNER	NAME (As shown on registration certificate) Duncan, James D.	ADDRESS (As shown on registration certificate) 2840 N. E. 59th Court Ft. Lauderdale, FL 33308

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 William R. Tyler 4828 N. W. 7th Court Plantation, FL 33317	<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC	C. CERTIFICATE NO. A & P 1805463
	<input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC	
	<input type="checkbox"/> CERTIFICATED REPAIR STATION	
	<input type="checkbox"/> MANUFACTURER	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE 26 July 1998	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>William R Tyler</i>
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7. APPROVAL FOR RETURN TO SERVICE

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

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	<input checked="" type="checkbox"/> INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION 26 July 1998	CERTIFICATE OR DESIGNATION NO. IA 1805463	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>William R Tyler</i>
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

NOTICE

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

Replaced Beech lower cowling access panels with D. Shannon products P/N J1101-1 L.H. and P/N J1101-2 R.H. in accordance with STC SA 414CH and installation instructions No. DSP-1M95-3 Rev. 2.

No changes are required on the weight and balance or the equipment list.

All work was done in accordance with FAR 43 and AC43.13-1.

***** END *****

ADDITIONAL SHEETS ARE ATTACHED

FAA



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
SW-17

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 BEECHCRAFT	Model F33A
	Serial No. CE-831	Nationality and Registration Mark N20537
2. Owner	Name (As shown on registration certificate) DUNCAN, JAMES D.	Address (As shown on registration certificate) 2840 N.E. 59th CT. FT. LAUDERDALE, FL. 33308

3. For FAA Use Only

[Faint stamp and handwritten notes]

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 DIALCO, INC. RT 2, R45 MERCEDDES, TX 78570	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. D7LR466N LIMITED AIRFRAME
---	--	--

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 06/30/98	Signature of Authorized Individual <i>[Signature]</i> DI-041 DARREN KELLY
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7. Approval for Return To Service

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

BY	FAA Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 06/30/98	Certificate or Designation No. D7LR466N	Signature of Authorized Individual <i>[Signature]</i> DI-041 DARREN KELLY		

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.)

THIS IS THE BACKSIDE OF FAA FORM 337 DATED 06/30/98 FOR BEECHCRAFT MODEL F33A S/N CE-831 N20537 CONSISTS OF THE FOLLOWING INSTALLATION AS FOLLOWS.


1.) INSTALLED COOLING AIR BAFFLES IN ACCORDANCE WITH D'SHANNON PRODUCTS, S.T.C. SA368CH INSTALLATION INSTRUCTIONS DOCUMENT NO.DSPIM95-2 DATED JUNE 1, 1995. KIT S/N BAF060898-001

2.) INSTALLED INLET COWLING AIR SCOOP IN ACCORDANCE WITH D' SHANNON PRODUCTS, S.T.C. SA09335SC INSTALLATION MANUAL NO. DSP-IM96-3 REVISION 3 DATED 04/10/97. CIC031297-003 ALL PERTINENT INFORMATION WAS INSERTED INTO A.F.M./P.O.H. AND NEW WEIGHT AND BALANCE WAS COMPUTED. THIS DATE 06/30/98

*****END*****

AR	AU	SPI	AN	SEC	PASS	
JPS						AWS
RECEIVED						
JUL 06 1998						
FAA SAT. FSDO						

Additional Sheets Are Attached

 US Department of Transportation Federal Aviation Administration		MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		Form Approved OMB No. 2120-0020 For FAA Use Only Office Identification SOFSDO-17 <i>Ri</i>	
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 Beech	Model F-33A	Nationality and Registration Mark N20537	
		Serial No. CE-831	Address (As shown on registration certificate) 5290 N.E. 17th Ave. Ft. Lauderdale, Fl. 33334		
2. Owner		Name (As shown on registration certificate) James R. Duncan			
3. For FAA Use Only					
4. Unit Identification					
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				
6. Conformity Statement					
A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Ronald A. Schmidt SCHMIDT AVIATION INC. 2500 N.W. 62nd Street Ft. Lauderdale, Fl. 33309		<input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer		1474976	
D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
Date 3/24/94		Signature of Authorized Individual <i>Ronald A. Schmidt</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	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 3/24/94		Certificate or Designation No. 1474976		Signature of Authorized Individual <i>Ronald A. Schmidt</i>	

NOTICE

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

B. Description of Work Accomplished

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

Installed Safe Flight Guardian I standby instrument pressure air system in accordance with STC #SA4835SW and manufacturer's installation drawings. Aircraft weighed after installation.

* * * * * E N D * * * * *

Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R060.1	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				FOR FAA USE ONLY	
				OFFICE IDENTIFICATION MSP 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.					
1. AIRCRAFT	MAKE	Beech	MODEL	F33A	
	SERIAL NO.	GE-831	NATIONALITY AND REGISTRATION MARK	N20537	
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	Matz, Chellis L. Chelcraft Aviation		30141-128th St. Princeton, MN 55371		
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTERATION
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
Chellis L. Matz 30141-128th St. Princeton, MN 55371		<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		474407343	
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 September 14th 1990			SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Chellis L. Matz</i>		
7. APPROVAL FOR RETURN TO SERVICE					
Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	<input checked="" type="checkbox"/>	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 9-14-90		CERTIFICATE OR DESIGNATION NO. 474407343 IA		SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Chellis L. Matz</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.)

Replaced the following factory new Beech parts: bottom cabin skins,
part # 35-410452-23 forward center.
35-410452-79 center.
35-410452-183 aft center.

Replaced outboard bottom skin on right wing part # 35-115199-29.

Replaced engine compartment assembly # 002-410000-3.

Installed IO-550 Continental engine and McCauley prop per

Beryl D'Shannon STC # SA2200SW.

Aircraft painted.

Balanced ailerons, elevators and rudder.

Aircraft weighed, new weight and balance and equipment list provided.

All work done in accordance with AC 43.13 1A chapter 2 section 3 and
Beech shop and maintenance manuals.

-----END-----

ADDITIONAL SHEETS ARE ATTACHED

5020779

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		INSTRUCTIONS—Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use an attachment. For special flight permits complete Sections II and VII or VIII as applicable.			
APPLICATION FOR AIRWORTHINESS CERTIFICATE					
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK	2. AIRCRAFT BUILDER'S NAME (make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFG.	5. FAA CODING
	N20537	BEECH AIRCRAFT CORP.	F33A	1978	1151425
	5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (make)	7. ENGINE MODEL DESIGNATION	17432	
	CE-831	Continental	IO-520-BB		
8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (make)	10. PROPELLER MODEL DESIGNATION	11. AIRCRAFT IS:		
1	McCaughey	2A36C23	NEW	USED	IMPORT
APPLICATION IS HEREBY MADE FOR: (Check applicable items)					
A	1	<input checked="" type="checkbox"/> STANDARD AIRWORTHINESS CERT. (Indicate category)	NORMAL	<input checked="" type="checkbox"/> UTILITY	ACROBATIC
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 & PEST CONTROL	2
			2	AERIAL SURVEYING	3
			4	FOREST (Wild life conservati-n)	5
			5	PATROLLING	6
			0	OTHER (Specify)	
	4	EXPERIMENTAL (Indicate operation(s) to be conducted)	1	RESEARCH AND DEVELOPMENT	2
			2	AMATEUR BUILT	3
			4	RACING	5
			5	CREW TRAINING	6
			0	TO SHOW COMPLIANCE WITH FAR	
	8	SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)	1	FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE	
			2	EVACUATE FROM AREA OF IMPENDING DANGER	
			3	OPERATION IN EXCESS OF MAX. CERTIFICATED TAKE OFF WEIGHT	
			4	DELIVERING OR EXPORT	5
				PRODUCTION FLIGHT TESTING	
C	6	MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standards or Limited as applicable above)			
III. OWNER'S CERTIFICATION					
A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration)					
NAME BEECH AIRCRAFT CORP.			IF DEALER, CHECK HERE <input checked="" type="checkbox"/> ADDRESS 9709 E. Central Wichita, Kansas 67201		
B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)					
<input checked="" type="checkbox"/>	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) 3A15, Rev. 59		<input checked="" type="checkbox"/>	AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give Latest AD No.) Issue 78-24	
	AIRCRAFT LISTING (Give page No(s)) N/A		<input checked="" type="checkbox"/>	SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) SA3231SW-D	
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS					
<input checked="" type="checkbox"/>	CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173	TOTAL AIRFRAME HOURS— Enter for dual engine only 1:40	3	EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed N/A	
D. CERTIFICATION—I hereby certify that I am the owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 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 12-8-78		NAME AND TITLE (Print or type) W. W. Lautenschlager - Foreman Flight Inspection		SIGNATURE <i>W. W. Lautenschlager</i>	
IV. INSPECTION AGENCY VERIFICATION					
A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183 (d) applies)					
2	FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.)	3	CERTIFICATED MECHANIC (Give Certificate No.)	6	CERTIFICATED REPAIR STATION (Give Certificate No.)
5	AIRCRAFT MANUFACTURER (Give Name of Firm)				
DATE		TITLE		SIGNATURE	
V. FAA REPRESENTATIVE CERTIFICATION					
(Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: <input checked="" type="checkbox"/> The certification requested, or <input type="checkbox"/> Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: <input type="checkbox"/> FAA Inspector; certificate holder under <input type="checkbox"/> FAR 65, <input type="checkbox"/> FAR 121 or 127, or <input type="checkbox"/> FAR 145.					
DATE	DISTRICT OFFICE	DESIGNEE'S SIGNATURE AND NO.		FAA INSPECTOR'S SIGNATURE	
12-8-78	ACE EMDO 3-0-43	<i>D. M. Forteous</i> D. M. Forteous, DOA, PC#8		1	

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER		
	NAME	ADDRESS	
	B. PRODUCTION BASIS (Check applicable item)		
	PRODUCTION CERTIFICATE (Give production certificate number)		
	TYPE CERTIFICATE ONLY		
	APPROVED PRODUCTION INSPECTION SYSTEM		
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:			
DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE	
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT		
	REGISTERED OWNER	ADDRESS	
	BUILDER (Make)	MODEL	
	SERIAL NUMBER	REGISTRATION MARK	
	B. DESCRIPTION OF FLIGHT		
	FROM	TO	
	VIA	DEPARTURE DATE	DURATION
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT		
	PILOT	CO-PILOT	NAVIGATOR
	OTHER (Specify)		
D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:			
E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION (Use attachment if necessary)			
F. CERTIFICATION—I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described.			
DATE	NAME AND TITLE (Print or type)	SIGNATURE	
VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)	<input checked="" type="checkbox"/> A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable	G. Statement of Conformity, FAA Form 317 (Attach when required)	
	<input type="checkbox"/> B. Current Operating Limitations Attached	H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)	
	<input type="checkbox"/> C. Data, Drawings, Photographs, etc. (Attach when required)	I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ (Original attached)	
	<input checked="" type="checkbox"/> D. Current Weight and Balance Information Available in Aircraft	J. Current Airworthiness Certificate Issued in Accordance with FAR 21.183(a) per 21.273 (Copy attached)	
	<input type="checkbox"/> E. Major Repair and Alteration, FAA 337 (Attach when required)		
	<input checked="" type="checkbox"/> F. This Inspection Recorded in Aircraft Records		

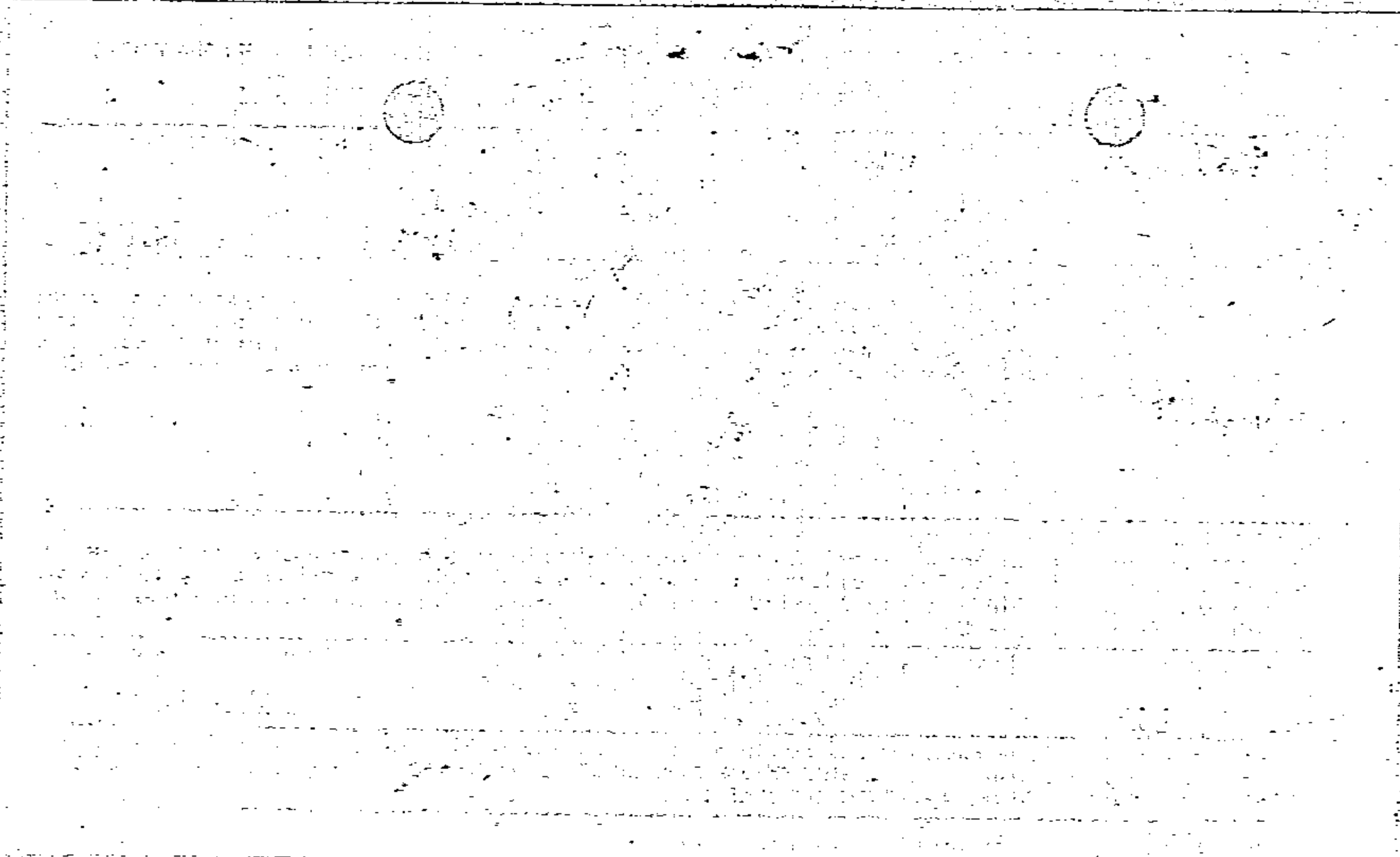
UNITED STATES OF AMERICA
 DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N20537	2. MANUFACTURER AND MODEL BEECH AIRCRAFT CORP. F33A	3. AIRCRAFT SERIAL NUMBER CE-831	4. CATEGORY UTILITY
5. AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein. Exceptions: <p style="text-align: center;">NONE</p>			
6. TERMS AND CONDITIONS Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventive maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.			
DATE OF ISSUANCE Dec. 8, 1978	FAA REPRESENTATIVE <i>[Signature]</i> D. M. Porteous	DESIGNATION NUMBER DOA, PC#8	

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

FAA AIRCRAFT REGISTRY

CAMERA NO. 10 DATE: 4-8-83



DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R06G.1	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				FOR FAA USE ONLY	
				OFFICE IDENTIFICATION	
INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.					
1. AIRCRAFT	MAKE	MODEL			
	SERIAL NO.	NATIONALITY AND REGISTRATION MARK			
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	DuPage Aviation Corporation		DuPage County Airport West Chicago, Ill. 60185		
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTERATION
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
DuPage Aviation Corporation DuPage County Airport West Chicago, Illinois 60186		U.S. CERTIFICATED MECHANIC		3223	
		FOREIGN CERTIFICATED MECHANIC			
		<input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION			
		MANUFACTURER			
D I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
DATE		SIGNATURE OF AUTHORIZED INDIVIDUAL			
September 28, 1979		<i>[Signature]</i>			
7. APPROVAL FOR RETURN TO SERVICE					
Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)	
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL		
9-28-79		3223	<i>[Signature]</i>		

NOTICE

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

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

N20537

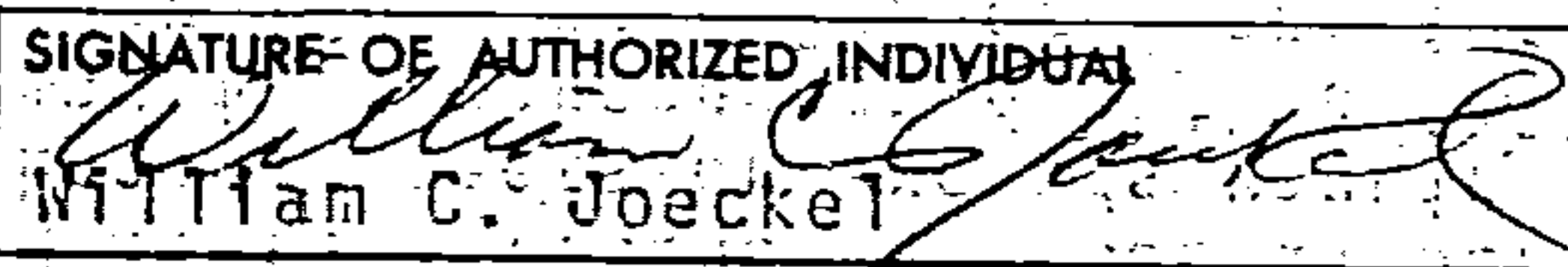
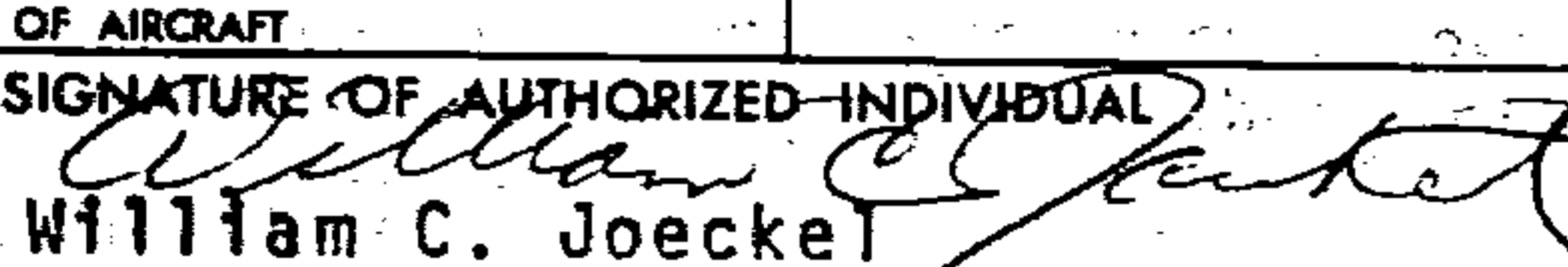
9-28-79

Replaced nose whl. cover plate P/N 002-41001-1 in accordance with AC 43.13-1 Chap. 2 Sec. 3 - Using original rivet pattern and spacing.

END

ADDITIONAL SHEETS ARE ATTACHED

FEB 8 1979

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				Form Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY OFFICE IDENTIFICATION TAG ADO-8	
INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.					
1. AIRCRAFT	MAKE	Beech	MODEL	F-33A	
	SERIAL NO.	CE-831	NATIONALITY AND REGISTRATION MARK	N20537	
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	DuPage Aviation		DuPage County Airport West Chicago, Illinois 60185		
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME (As described in item 1 above)			REPAIR	ALTERATION
POWERPLANT					X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS.		B. KIND OF AGENCY		C. CERTIFICATE NO.	
Joliet Avionics, Inc. DuPage County Airport West Chicago, Illinois 60185		U.S. CERTIFICATED MECHANIC		3159	
		FOREIGN CERTIFICATED MECHANIC			
		X CERTIFICATED REPAIR STATION			
		MANUFACTURER			
D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse of 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			
February 6, 1979		 William C. Joecket			
7. APPROVAL FOR RETURN TO SERVICE					
Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)	
	FAA DESIGNEE	X REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL		
February 6, 1979		3159	 William C. Joecket		

