



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

6205 9F

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

1. Aircraft	Make Engineering & Research Company (ERCO)	Model Ercoupe 415-C
	Serial No. 4419	Nationality and Registration Mark N3794H
2. Owner	Name (As shown on registration certificate) R & B Flying, Inc.	Address (As shown on registration certificate) 3511 Silverside Road Suite 105 Wilmington DL 19810

The OIA 3. For FAA Use Only herein
complies with the applicable airworthiness
requirements and is approved for the above
described aircraft, subject to conformity
inspection by a person authorized in FAR
43.7.
Jim Franklin Hayes CRO

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		C. Certificate No.
A. Agency's Name and Address Ralph W. Fadner 107 Pintail Way Locust Grove, GA 30248	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	AP1560191

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

Date 4/04/2005	Signature of Authorized Individual Ralph W. Fadner <i>Ralph W. Fadner</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 Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	<input type="checkbox"/>	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 4/04/2005		Certificate or Designation No. AP1560191 I.A.	Signature of Authorized Individual Ralph W. Fadner <i>Ralph W. Fadner</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.)

ERCOUPE 415-C

S/N: 4419

N3794H

Installed Cessna seats, P/N 0400118-85 and -86, seat tracks, P/N 0412983-1 and -2, new aluminum floor panel made from .040" thick 2024 T3, attached to original seat fuselage rib mounting points and additional structure at Frame D. The original seat belt attachments are retained with seat belt load carried by both the new floor and the original attachments. The battery box was repositioned 90 degrees for floor panel clearance and installed in existing factory mounting structure using appropriate chapter and section data reference from AC 43.13-1B and 43.13-2A. This does not affect any component or system in the aircraft.

This installation duplicates a previous Field Approval FAA Form 337 dated May 29, 2003, on an Ercoupe 415C, N94379, S/N 1602. The installation drawings are attached, labeled "Installation Arrangement in Ercoupe N3794H" and "LHN C-150-1" and "LHN C-150-2".

Aircraft was weighed and weight and balance updated in aircraft records this date.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

- 1. Introduction:** The original seats were cushions in a pan and back support using canvass tied to a fixed frame. The Cessna seats allow individual minor adjustments both fore and aft and backs that fold to allow easier baggage compartment access.
- 2. Description:** The seats are installed IAW the attached drawings: LHN C-150-1 and LHN C-150-2. Three (3) ea. 4" diameter inspection openings were added in seat floor panel for ease of under floor inspection. This installation does not affect any component or system in the aircraft.
- 3. Control,operation information:** N/A
- 4. Servicing information:** N/A
- 5. Maintenance instructions:** The seats should be checked for security and operation at each 100 Hour Inspection or Annual Inspection. Track rollers should be inspected for proper operation and lubricated sparingly.
- 6. Trouble shooting information:** N/A
- 7. Removal and replacement information:** The seats may be removed by removing the stops at the end of the seat tracks and sliding the seat first to the rear, out of the track, then to the front. Install the seats by reversing the above procedure.
- 8. Diagrams:** Installation Arrangement, LHN C-150-1 and LHN C-150-2 drawings are attached.
- 9. Special inspection requirements:** N/A
- 10. Application of special treatments:** N/A
- 11. Data:** Standard aircraft hardware and general torque specifications apply.
- 12. List of special tools:** N/A
- 13. For commuter catagory aircraft:** N/A
- 14. Recommended overhaul periods:** N/A
- 15. Airworthiness limitations sections:** N/A
- 16. Revisions:** Revision of these instructions shall be accomplished by submitting a letter to the local FSDO office with a copy of the revised FAA form 337 and revised instructions.

TACH READS: 74.5

TTAF: 1840.1

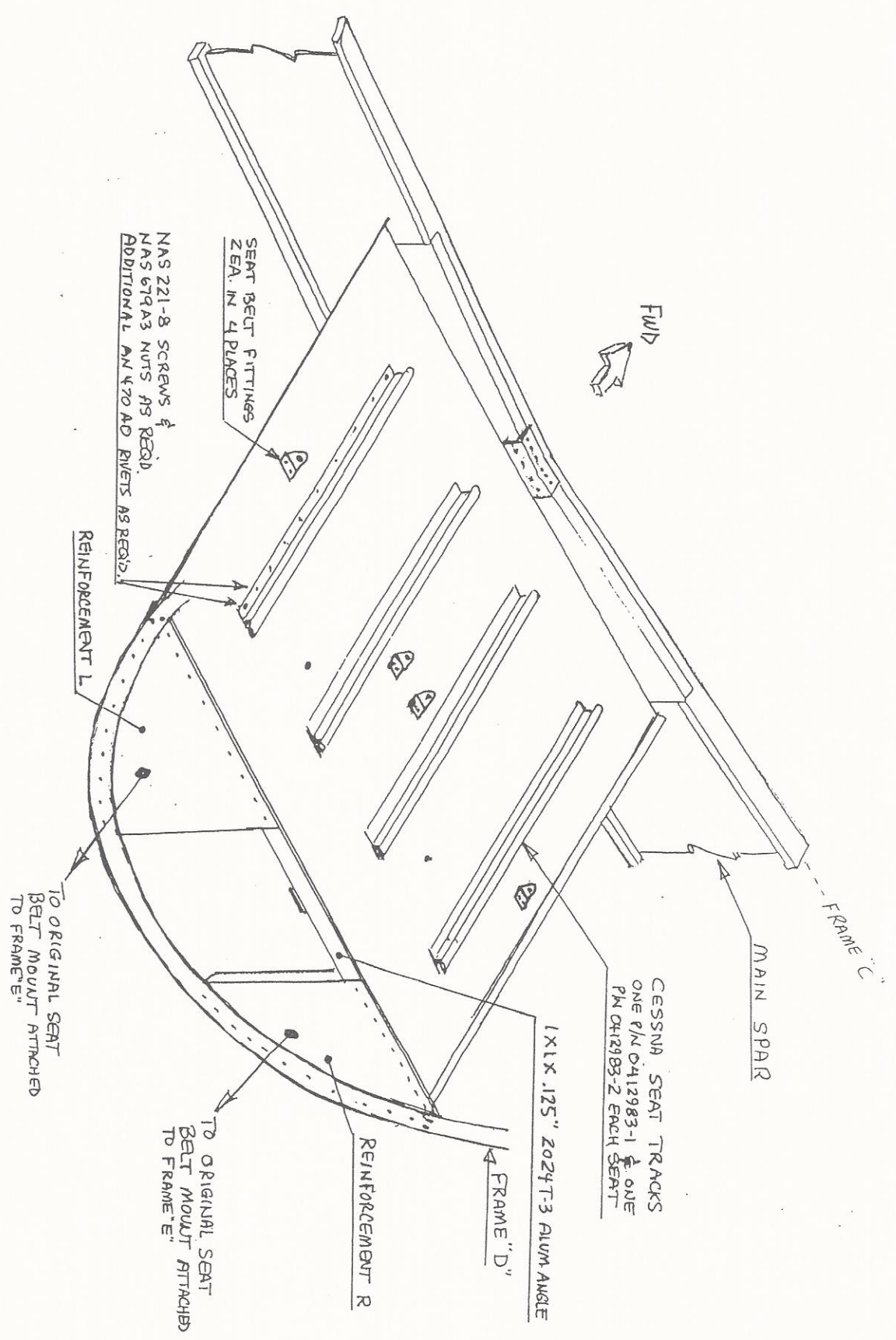
Eng. SMOH: 993.5

ENGINE: Continental C-85-12F s/n 4053-6-12

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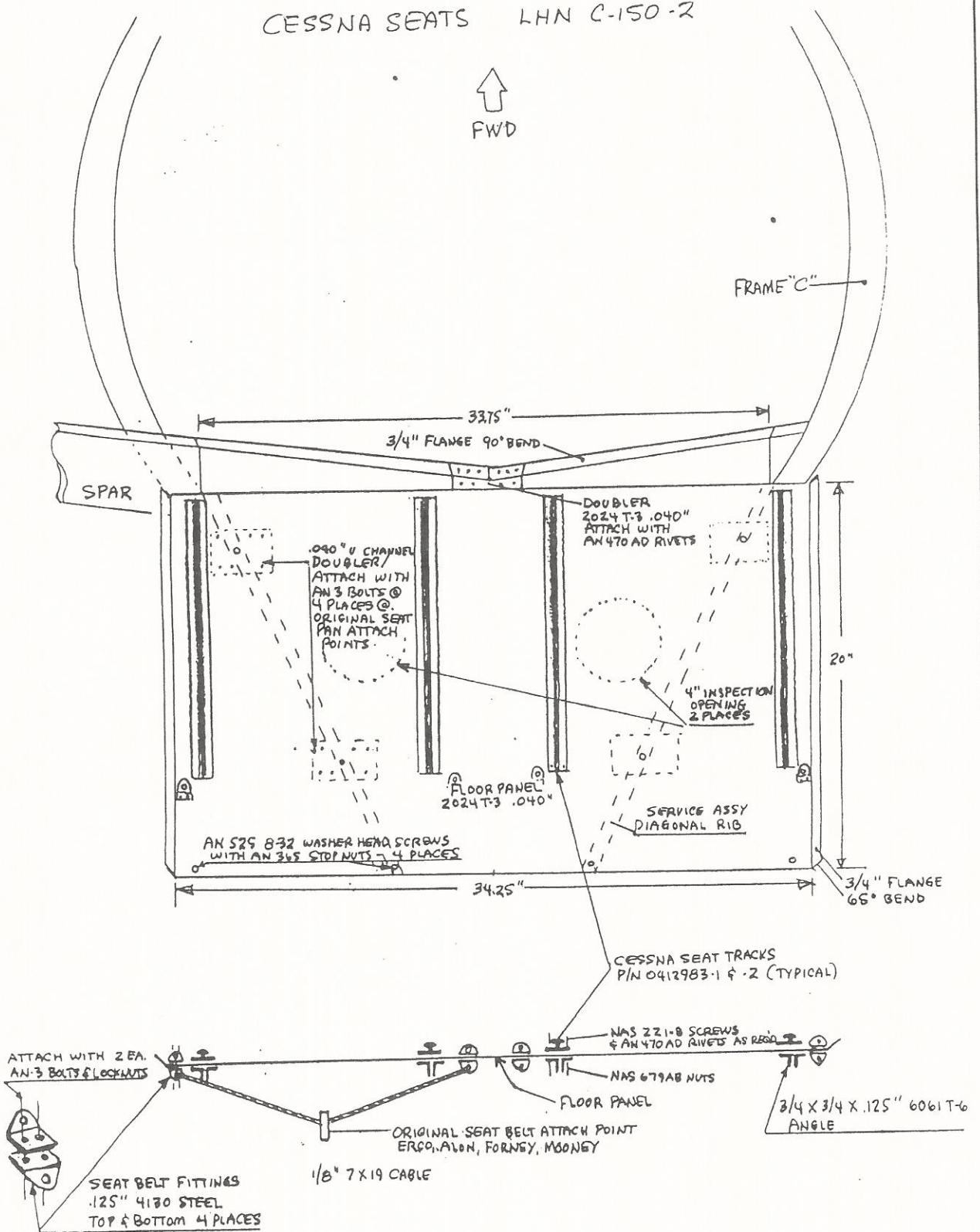
Additional Sheets Are Attached

INSTALLATION ARRANGEMENT
 CESSNA SEATS IN ERCOUPE 415C
 N3794H S/N 4419

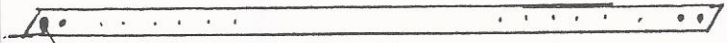
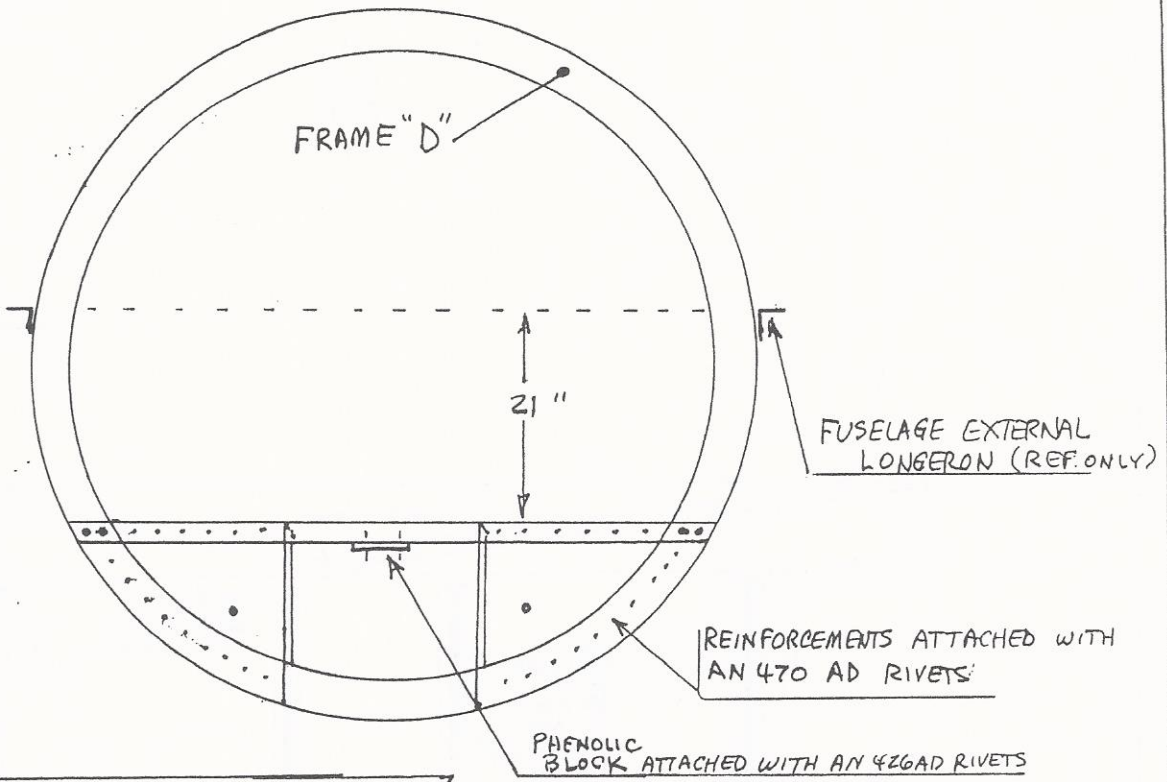


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CESSNA SEATS LHN C-150-2

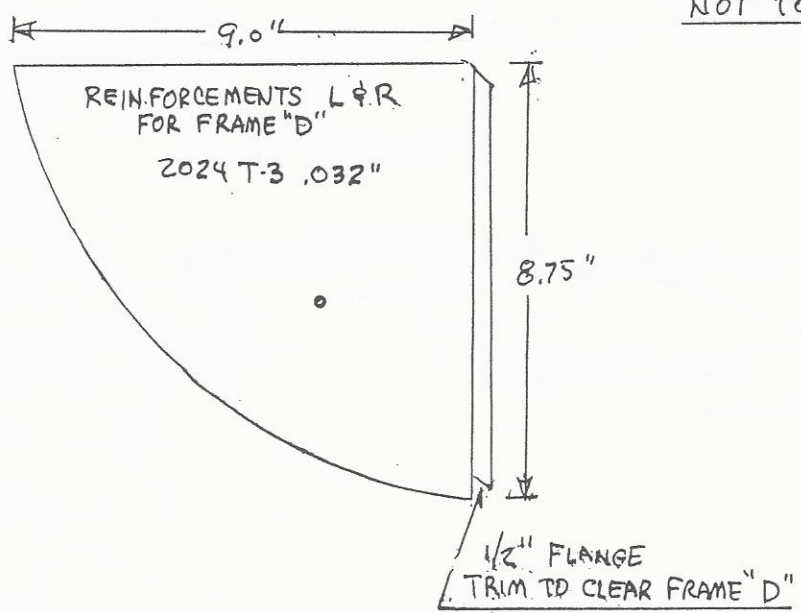


CESSNA SEATS LHN C-150-1



1 X 1 X .125" 2024 T-3 ALUM. ANGLE 34.375" LONG
 ATTACH TO FRAME "D" WITH 2 EA. 10-32 TRUSS HEAD SCREWS
 AND FIBER LOCK NUTS

NOT TO SCALE



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US Department of Transportation
Federal Aviation Administration

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

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Office Identification
GLIS JF

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

1. Aircraft	Make Engineering & Research Company (ERCO)	Model Ercoupe 415-C
	Serial No. 4419	Nationality and Registration Mark N3794H
2. Owner	Name (As shown on registration certificate) R&B Flying, Inc.	Address (As shown on registration certificate) 3511 Silverside Road Suite 105 Wilmington, DL 19810-4902

3. For FAA Use Only

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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 Ralph W. Fadner 107 Pintail Way Locust Grove, GA 30248	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. AP1560191 I.A.
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 4/04/2005	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 APPROVED REJECTED

BY	FAA Flt. 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 4/04/2005	Certificate or Designation No. AP1560191 I.A.	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.)

Ercoupe 415-C

NC3794H

S/N 4419

Inspected and verified installation of Skyport Services Model SMK-15 9-cu. ft. Baggage Compartment. This installation conforms to STC number **SA330GL** and Installation Instructions, dated October 1, 1979.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

1. **Introduction:** Installation of Skyport Services Model SMK-15 9-cu. ft. Baggage Compartment.
2. **Description:** The old baggage compartment and slanting flat hat shelf is removed and new structure installed in accordance with STC number SA330GL and Skyport 9- cu. ft. Baggage Compartment Installation Instructions dated October 1, 1979. This installation does not effect any component or system in the aircraft.
3. **Control, operation information:** N/A
4. **Servicing information:** N/A
5. **Maintenance instructions:** Inspection intervals are concurrent with aircraft inspection procedures.
6. **Trouble shooting information:** N/A
7. **Removal and replacement information:** Standard maintenance practices apply.
8. **Diagrams:** N/A
9. **Special inspection requirements:** N/A
10. **Application of special treatments:** N/A
11. **Data:** Standard aircraft hardware and general torque specifications apply.
12. **List of special tools:** N/A
13. **For commuter category aircraft:** N/A
14. **Recommended overhaul periods:** N/A
15. **Airworthiness limitations section:** N/A
16. **Revisions:** Revision of these instructions shall be accomplished by submitting a letter to the local FSDO office with a copy of the revised FAA form 337 and revised instructions.

TACH READS 74.5 TTIS 1840.1 SMOH 993.5 ENG: Cont. C-85-12F S/N 4053-6-12

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Additional Sheets Are Attached

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

Number SA330GL

This certificate issued to Ron Busch
201 Third Avenue
Menominee, MI 49858

SS 27008

*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) No. SA330GL for list of approved airplane models and applicable airworthiness regulations.
Make : *
Model : *

415C N 3794 H
SN 4419

Description of Type Design Change:

Installation of 9-cu. ft. Baggage Compartment in accordance with F.R.A. Enterprises, Inc. d.b.a. Skyport Services Installation Instructions as listed on AML No. SA330GL or later FAA-Approved revisions.

SS 27008

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. SA330GL amended May 6, 2003, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft.
3. In addition to the Maximum Baggage placard, add a placard that shows the corresponding moment arm to be (+62 in.).
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 : February 20, 1979

Date received : March 16, 1988, May 6, 2003

Date of issuance : July 18, 1979

Date amended : May 6, 2003



By direction of the Administrator

Mary Ellen A. Schutt
(Signature)


Mary Ellen A. Schutt
Manager, Airframe & Administrative Branch
Chicago Aircraft Certification Office

(Title)

FAA APPROVED MODEL LIST (AML) NO. SA330GL
 RON BUSCH
 INSTALLING A 9-CU-FT BAGGAGE COMPARTMENT

Issue Date: July 18, 1979

AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS		AML AMENDMENT DATE
				NUMBER	REVISION NO. AND DATE	
Univair Aircraft Corporation	415-C, 415-CD	A-718	CAR 4a and Amendments listed in AS No. A-718	SS1040A	Revision A, dated 05/01/98 or later FAA approved revision	05/06/03
Univair Aircraft Corporation	415-D, Models E, G, F-1, and F-1A	A-787	CAR 3 and Amendments listed in AS No. A-787	SS1040A	Revision A, dated 05/01/98 or later FAA approved revision	05/06/03


 FAA Approved: Mary Ellen A. Schutt
 Mary Ellen A. Schutt
 Manager, Airframe & Administrative Branch
 Chicago Aircraft Certification Office

Amended: May 6, 2003
 Reissued: May 6, 2003

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