N207RA 2014 Cessna 208B

FAA Form 337s

Aircraft S/N: 208B-5098



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

U.S. Department of Transportation Federal Aviation Administration

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

orm Approved DMB No. 2120-0020 1/30/2007	Electronic Tracking Number
173072007	

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)) Nationality and Registration Mark Serial No. 20800550 N8159N 1. Aircraft Model Make Series 208 CESSNA Address (As shown on registration certificate) Name (As shown on registration certificate) 2 CESSNA BLVD STE 100 TEXTRON AVIATION FINANCE CORP 2. Owner WICHITA, KS 67215 3. For FAA Use Only NO PERSON MAY OPERATE THIS AIRCRAFT, AS ALTERED HEREIN, UNLESS IT HAS WITHIN IT AN APPROPRIATE AND CURRENT SPECIAL FLIGHT PERMIT ISSUED UNDER 14 CFR PART 21. 4. Type 5. Unit Identification Serial No. Alteration Unit Make Model Repair X **AIRFRAME** (As described in Item 1 above) **POWERPLANT PROPELLER** Type **APPLIANCE** Manufacturer 6. Conformity Statement B. Kind of Agency A. Agency's Name and Address U. S. Certified Mechanic BEVAN-RABELL, INC. Manufacturer 1880 S AIRPORT ROAD Foreign Certified Mechanic C. Certificate No. WICHITA, KS Certified Repair Station KG2R951K 67209 USA Certified Maintenance Organization D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. Signature/Date of Authorized Individual Extended range fuel **RUSSELL PARKER** per 14 CFR Part 43 13-June-2014 App. B 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 Rejected X Approved Persons Approved by Canadian Department of Transport FAA Flt. Standards Manufacturer Maintenance Organization Inspector Other (Specify) BY **FAA Designee** X Repair Station Inspection Authorization Signature/Date of Authorized Individual Certificate or **RUSSELL PARKER** Designation No. 13-June-2014 KG2R951K

nore spa	ace is required, a	attach additional	sheets. Identify w	ith aircraft nationality	and registration mark a	nd date work compl	eted.)
					N	3159N _,	Jun-13-2014
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U.S. Department of Transportation Federal Aviation Administration

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

orm Approved MB No. 2120-0020	Electronic Tracking	Number

For FAA Use Only

Federal Aviation	on ,	Aimran	ne, P	owerpiant	, Pro	pene	er, or	Appliance	;)		
	and disposi	tion of this	form.								evision thereof) for a civil penalty for each
	Nationality N8159	and Regist		ark				Serial No. 20800550			
1. Aircraft	Make CESSNA	A.						Model 208		Serie	es
2. Owner	1		_	on certificate) N FINANCE	CORP			Address(As show 2 CESSNA F WICHITA, K	SLVD STE 1		t θ)
						3. Fo	or FAA U	se Only			
NO PERS APPROPF	SON MAY RIATE AN	OPERAT ND CURF	E THI	IS AIRCRAFT SPECIAL FLI	, AS GHT P	ALTE PERMI	RED HE	EREIN, UNLE JED UNDER 1	SS IT HAS 4 CFR PAR	WITH T 21.	IN IT AN
4. Ty _l	pe					5. Uni	t Identifi	ication			
Repair	Alteration	Un	it		Make				Model		Serial No.
	X	AIRFRA	ME			_		(As described	in Item 1 abo	ve)	
		POWER	PLANT							:	
		PROPEL	LER								
		APPLIAN	ICE	Type Manufacturer						,	
								Statement			
A. Agency's						B. K	ind of Ag			1.0	
BEVAN-RA						\vdash		ertified Mechanic Certified Mechar	nic (iufacturer ricate No.
WICHITA, 67209 US	, KS					X	Certified	Repair Station Maintenance Or		KG2R9	
D. I certify have been	that the rep en made in	accordance	e with t	n made to the un he requirements o the best of my k	of Part 4	ntified in	n item 5	above and descri	bed on the reve		attachments hereto e information
Extended rang per 14 CFR P App. B			Signa	ture/Date of Autho			Russ	el Park	-		RUSSELL PARKER 13-June-2014
							_	to Service			
				s specified below dministration and		unit ide	entified in		spected in the Rejected		er prescribed by the
1 1	A Fit, Standa spector	ards	Manı	ufacturer	<u>'</u>	Maintena	ance Orga	anization	Persons Departm		d by Canadian ansport
BY	A Designee	x	Repa	air Station		Inspection	on Author	ization	Other (Specify)	1	•
Certificate or Designation I	No.	·	Signa	ture/Date of Autho	rized Indi	ividual	Puna	Il Parl	_		RUSSELL PARKER

				N8159N	J	Jun-13-2014
				Nationality and Registra NATION THE TEMPORAR IRNED TO IT'S ORIGINAL		Date
L AGAIN APPLY.				TS OPERATING HANDBO	_	
A WEIGHT IN EXCI E TEMPORARY FUI YD ENTERPRISES,	ESS OF IT'S CERTI EL TANK INSTALLA , INC. DRAWING BE	FICATED MAX TAK TION IS IN ACCOR E- CARAVAN 208/20	EOFF WEIGHT OF DANCE WITH FAA 18B, DATED 04-02-2	8750 POUNDS. APPROVED,		
TA WILL REMAIN IN	NEFFECT FOR THE	E DURATION OF TH NGE FUEL SYSTEN	HE SPECIAL FLIGHT IN IS REMOVED.			
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Weight / Balance & Equipment List Revision

BEVAN-RABELL, INC. - CRS KG2R951K

1880 S AIRPORT ROAD

WICHITA, KS 67209 Tel: 316-946-4870

A/C Tail #: N8159N

Register Name: TEXTRON AVIATION FINANCE CORP

A/C Make: CESSNA A/C Model: 208B

A/C Serial #: 208BB5098

Address 2:

Address 1: TWO CESSNA BOULEVARD, SUITE 100

WO Ref #: WB Date: Jun-16-2014

Page #: 1

City, State, PC: WICHITA, KS 67215

WB ID #: 621

Previous data taken from document dated Jun-02-2014 Previous useful load = 3095.46

Trovious data tanon nom u	commont dated out. 02 20				
Model #	Description	(LB/IN)	Weight	CG/Arm	Moment
	•	Previous data ->	5966.54	188.87	1126919.57
NO ITEMS REMOVED					
INSTALLED ITEMS					
	HF RADIO		11.00	338.00	3718.00
	FUEL PUMPS		15.00	152.00	2280.00
	FERRY TANKS		209.00	237.00	49533.00
	FWD FUEL TANK 135 GALS		904.55	213.00	192669.15
	MID FUEL TANK 135 GALS		904.55	237.00	214378.35
	AFT FUEL TANK 135 GALS		904.50	261.00	236074.50
	FLOAT TOW BAR		30.00	225.00	6750.00
	FUEL FOR MAIN TANKS		2224.00	183.00	406992.00
	PILOT		200.00	138.00	27600.00
INSTALLED SUB TOTAL	10 Items @		5402.60	211.01	1139995.00
NEW DATA >>	NEW USEFUL LOAD = 0.00		11369.14	199.39	2266914.57

RECOMMENDED TANK USAGE TANK 1, TANK 2, TANK 3 FOR OPTIMUM CG

THIS AIRCRAFT IS 129.93% OF GROSS WEIGHT

Authorized Individual: KG2R951K RUSSELL PARKER

Fransportation

MAJOR REPAIR AND ALTERATION

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

Electronic Tracking Number

(Airframe, Powerplant, Propeller, or Appliance) For FAA Use Only Federal Aviation Administration INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958) Nationality and Registration Mark Serial No. N8159N 208B5098 1. Aircraft Make Model Series **CESSNA** 208B **GRAND CARAVAN** Name (As shown on registration certificate) Address (As shown on registration certificate) AddressPO BOX 7704 2. Owner CESSNA AIRCRAFT COMPANY cityWICHITA StateKS Zip67277 CountryUSA 3. For FAA Use Only THE DATA IDENTIFIED HEREIN COMPLIES WITH APPLICABLE AIRWORTHINESS REQUIREMENTS AND IS APPROVED ONLY FOR THE ABOVE DESCRIBED AIRCRAFT SUBJECT TO CONFORMITY INSPECTION BY A PERSON AUTHORIZED IN PAR 43.7. DATE PAALUMPECTURAMP PEOCL 4. Type 5. Unit Identification Repair Alteration Unit Make Model Serial Number X AIRFRAME (As described in Item 1 above) POWERPLANT **PROPELLER** Type **APPLIANCE** Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency NameWIPAIRE INC U.S. Certificated Mechanic ☐ Manufacturer Address 1700 HENRY AVE C. Certificate No. Foreign Certificated Mechanic citySO ST PAUL State MN RJWR390K \boxtimes Certificated Repair Station zip 55075 CountryUSA 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 Signature/Date of Authorized Individual per 14 CFR Part 43 4/8/14 PAUL G DAUPHINAIS App. B 7. Approval for Return to Service Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is **★** APPROVED __ REJECTED FAA Flt Standards Person Approved by Canadian Manufacturer Maintenance Oranaization Department of Transport Inspector BY Other (Specify) FAA Designee Repair Station Inspection Authorization Signature/Date of Authorized Individual Certificate or Designation No. PAUL G DAUPHINAIS RJWR390K

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.	Descri	iption	of	Work	Accomplished	ı
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(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

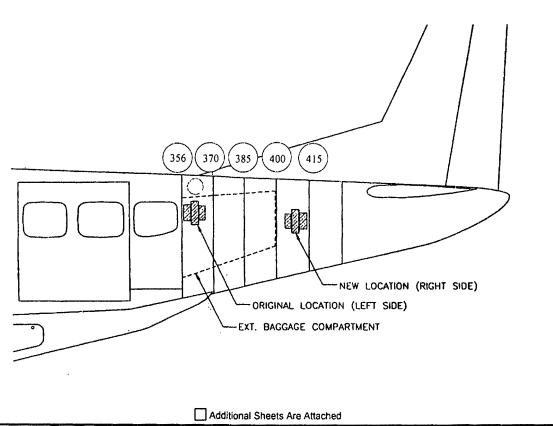
N8159N

4/8/14

Nationality and Registration Mark

Date

RELOCATED AFT AIRCONDITIONER EVAPORATOR FROM LH INNER FUSELAGE SIDE AT FS363 TO RH INNER FUSELAGE SIDE AT FS 408. THE UNIT IS ROTATED ABOUT ITS VERTICAL AXIS 180 DEGREES AND ATTACHED THE SAME AS ORIGINAL LOCATION USING SAME MOUNTING BRACKETRY AND FASTENERS. FREON PLUMBING WAS EXTENDED FROM ORIGINAL LOCATION TO NEW LOCATION AND SECURED WITH ADEL CLAMPS. WIRING WAS EXTENDED TO NEW LOCATION AS WELL. WEIGHT AND BALANCE REVISED. NOTE, THIS AUTERATION PREVIOUSLY APPROVED ON C 208 SN 20800420 FIELD APPROVAL FORM 337 DATED 4/22/08. END



FAA Form 337 (10-06)

Sheet 2 FAA form 337 N8159N CESSNA CARAVAN 208 SN 208B5098 Date: 4/8/14

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

- 1. **INTRODUCTION:** RELOCATION OF AFT AIRCONDITIONING EVAPORATOR TO ALLOW FOR INSTALLATION OF STC APPROVED AERO TWIN EXTENDED BAGGAGE SYSTEM.
- 2. **DESCRIPTION:** AFT EVAPORATOR RELOCATED FROM LH SIDE OF FUSELAGE AT STA 363 ROTATED 180 DEG ABOUT VERTICAL AXIS AND MOVED AFT TO RH FS STATION 408. MOUNTED USING ORIGINAL BRACKETRY. USED ORIGINAL ATTACH HARDWARE. EXTENDED WIRING AND PLUMBING TO REACH NEW LOCATION.
- 3. CONTROL OPERATION INFO: NA
- 4. **SERVICING INFORMATION:** NORMAL SYSTEM SERVICING REQUIRED.
- 5. MAINTENANCE INSTRUCTIONS: NORMAL MAINTENANCE INSPECTION ONLY FOR SECURITY OF INSTALLATION AND MAINTENANCE MANUAL INSPECTION PROCEDURES.
- 6. TROUBLESHOOTING INFORMATION: N/A
- 7. **REMOVAL AND REPLACEMENT:** R AND R CAN BE ACCOMPLISHED WITH COMMON SHOP TOOLS.
- 8. DIAGRAMS N/A
- 9. SPECIAL INSPECTION REQUIREMENTS: N/A
- 10. APPLICATION OF PROTECTIVE TREATMENTS: N/A
- 11. **DATA**:
- 12. LIST OF SPECIAL TOOLS: N/A
- 13. COMMUTER CATEGORY ARICRAFT: N/A
- 14. RECOMMENDED OVERHAUL PERIODS: N/A
- 15. AIRWORTHINESS LIMITATION SECTION: N/A
- 16. **REVISION**: A LETTER WILL BE SUBMITTED TO THE LOCAL FAA OFFICE WITH A REVISED COPY OF 337 AND ICA.

U.S Department of Transportation Federal Aviation Administration

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

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

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Natio Natio Natio Natio Natio Natio FALLED WIPAIRE INC SINGLE POINT FUEL SYSTEM IAW S ED 10/19/10. FALLED WIPAIRE INC LANDING GEAR ADVISORY SYSTEM F DATED 7/17/13. FALLED AERO TWIN EXTENDED BAGGAGE SYSTEM EB8. WING LIST EB8-200 DATED 3/8/90. FALLED SEATON ENGINEERING LANDING LIGHT CONTRO. WING DOCUMENT 9750-005 REV C DATED 6/3/08. FALLED AERO ACOUSTICS GROSS WEIGHT INCREASE IS. WING LIST AA1296 REV G DATED 1/3/13. POH SUPPLEMENTS ADDED TO SHIPS PAPERS, WEIGHT POH SUPPLEMENTS ADDED TO SHIPS PAPERS, WEIGHT	DATED 5/8/13 AND INSTALL OTE SA00059WI DATED 2/25 I IAW STC SA39CH DATED 1 200 IAW STC SA 4625NM D OLLER IAW STC SA01861SE SAW STC SA00392SE DATE	ATION DRAWING 111 AND INSTAL 1/27/12 AND INSTAL ATED 3/8/90 AND DATED 12/1/11 D 2/21/13 AND INSTAL	LL PACKAGE 1004434 RE ISTALL DRAWING 9600-1 ID INSTALL MASTER AND INSTALLATION NSTALLATION MASTER
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US Department
of Transportation

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

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		N8159N	03/08/2014
		Nationality and Registration	Mark Date
C SA3649NM, Aero Twin Rudder Gust Later that the comment of the co	AT-RL-1001-IM. Weig Aero Twin Flight Mar	iht and balance for this nual Supplement was a	installation is included in t idded to the Pilot's Operat
<i>:</i>			·
		•	

US Department
of Transportation

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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)) Nationality and Registration Mark Serial No. N8159N 208B5098 1. Aircraft Make Model Series Cessna 208B Name (As shown on registration certificate) Address (As shown on registration certificate) Address P.O. Box 7704 2. Owner <u>Wichita</u> State Kansas Cessna Aircraft Company 67277 Country United States 3. For FAA Use Only 4. Type 5. Unit Identification Repair Alteration Unit Make Model Serial No. (As described in Item 1 above) **AIRFRAME** \square **POWERPLANT PROPELLER** Type APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency Cessna Aircraft Company U. S. Certificated Mechanic Manufacturer Address 1 Cessna Blvd Foreign Certificated Mechanic C. Certificate No. Wichita Certificated Repair Station State Kansas 67215 Country United States Zip Certificated Maintenance Organization PC-4 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. Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 Scott E. Wiles 03/08/2014 App. B 7. Approval for Return to Service Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ✓ Approved Rejected FAA Flt. Standards Persons Approved by Canadian Maintenance Organization Manufacturer Inspector Department of Transport BY Other (Specify) FAA Designee Repair Station Inspection Authorization Certificate or Signature/Date of Authorized Individual Designation No. Sant Ehell Scott E. Wiles 03/08/2014

	N8159N	03/0	8/2014					
	Nationality and Registr		Date					
Installed Aero Twin Exhaust Deflector P/N ED8-100 per STC SA02080AK-D. Installation was in accordance with Ae Twin Drawing No. ED8-100. Weight and Balance has been updated to reflect this installation and has been inserted into the POH. Cessna Maintenance Manual, Chapter 78 is recommended for the continued airworthiness requirements.								
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