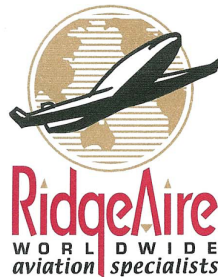


N178DA

1984 Citation SII

Engine Overhauls (LH/RH)

MSN: S550-0004



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

1. Approving National Aviation Authority/Country
FAA/United States

AUTHORIZED RELEASE CERTIFICATE

3. Form Tracking Number:
OH54224

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address



Dallas Airmotive, Inc.
6114 Forest Park Road
Dallas, TX 75235

Certificate Number: YRRR491L

5. Work Order/Contract/Invoice Number:
OH54224

6. Item	7. Description:	8. Part Number	9. Eligibility*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	PWC JT15D-4B Engine	3018000	N/A	1 (one)	PCE102064	OVERHAULED

13. Remarks TT: 6827.5 TSO: 00.0 CSN: 7297 CSO: Zero

Overhauled, Tested and Preserved with reference to Pratt & Whitney Overhaul Manual 3017543 Revision 28 Dated May 13, 2011 and other data and methods acceptable to the administrator.

Airworthiness Directive Status: Accomplished: AD 87-10-01 Amendment 39-5959 Dated July 15, 1988.

Pratt & Whitney Service Bulletins Accomplished: 7002, 7099, 7238, 7257, 7292, 7294, 7329, 7330, 7336, 7338, 7347, 7351, 7465, 7508, 7509, 7513, 7522, 7528, 7541, 7585, 7607, A7614, 7625.

Manufacturer's Service Bulletins Accomplished: Honeywell: 73-5, 73-8.

Details on file at this Repair Station under work order/s referenced in block 3 & 5

Inspector: Date: AUG 27 2012

14. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation
 Non-approved design data specified in Block 13

19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:
Gregory J. Dozier

21. Approval/Certificate No.:
YRRR491L

17. Name (Typed or Printed):

18. Date

22. Name (Typed or Printed):
Gregory J. Dozier

23. Date
AUG 27 2012

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

DallasAirmotive.

BBA Aviation

6114 Forest Park Road
Dallas, TX 75235-6498
CERTIFICATE NO. YRRR491L

JT15D-4B Engine S/N: PCE102064 T.S.N.: 6827.5 C.S.N.: 7297 T.S.O.: 00.0 C.S.O.: Zero

Overhauled, Tested and Preserved with reference to Pratt & Whitney Overhaul Manual 3017543 Revision 28 Dated May 13, 2011 and other data and methods acceptable to the administrator.

Turbine Vane Ring Areas: H.T.: L.T.:

Airworthiness Directive Status: Accomplished: AD 87-10-01 Amendment 39-5959 Dated July 15, 1988.
Previously Accomplished: AD 93-18-08 Amendment 39-8693 Dated November 24, 1993. AD 91-15-02 Amendment 39-7065 Dated August 22, 1991.

Pratt & Whitney Service Bulletins Accomplished: 7002, 7099, 7238, 7257, 7292, 7294, 7329, 7330, 7336, 7338, 7347, 7351, 7465, 7508, 7509, 7513, 7522, 7528, 7541, 7585, 7607, A7614, 7625.

Manufacturer's Service Bulletins Accomplished: Honeywell: 73-5, 73-8.

CORRECTED ENGINE PERFORMANCE

Thrust	N1%	Nozzle Class	N2%	T5 Trim Ω	Build Spec	TRIM DATA WEIGHT LOCATION										
2500	98.0	S6	94.7	32.1	638	High Rotor (F)			High Rotor (R)			Low Rotor				
						PE15	FF35	N/R	N/R	RE15	RF35	N/R	N/R	F38	N/R	N/R

LIFE LIMITED COMPONENTS INSTALLATION (Note: Refer To S/B 7002, Latest Revision, For Approved Life Limits)

Name	Part Number	Serial Number	T.S.N.	C.S.N.	Remarks	Name	Part Number	Serial Number	T.S.N.	C.S.N.	Remarks
Hub - L.C.	3018018	8N603	6827.5	14,594		Blades - H.T.	3055021-01	NSN	TSO: 00.0	N/A	
Hub - Booster	3021112	8N763	6827.5	7297		Disk - Stage 2, L.T.	3022212	1P861	6827.5	7297	
Impeller	3036625	7D677	N/A	5577	Ex - PCE71097	Disk - Stage 3, L.T.	3021213	1P815	6827.5	7297	
Disk-H.T.	3023411	1P770	6827.5	7297							

LOW COMPRESSOR BLADE INSTALLATION

Part Number	Serial Number	Part Number	Serial Number	Part Number	Serial Number	Part Number	Serial Number
3033501CL12	PV9732301	3033501CL11	PV9732317	3019801CL11	PV9732326	3033501CL11	PV9732318
3033501CL12	PV9732314	3033501CL11	PV9732303	3019801CL11	PV9732319	3033501CL11	PV9732316
3033501CL12	PV9732310	3033501CL11	PV9732315	3019801CL10	MT95020406	3033501CL8	PC9405907
3033501CL12	PV9732313	3019801CL11	PV9732323	3019801CL10	PV9731511	3038301CL8	MT9616201
3033501CL12	PV9732308	3019801CL11	PV9732321	3019801CL9	MT9504802	3038301CL8	MT9616202
3033501CL12	PV9737419	3019801CL11	PV9732320	3042101CL12	43B927	3019801CL11	PV9732327
3033501CL12	PV9727424	3019801CL11	PV9732325	3033501CL13	PV9732312	3033501CL12	PV9727412

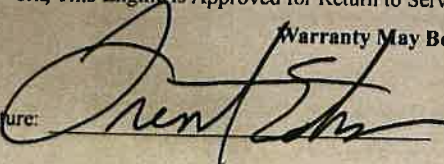
ACCESSORY INSTALLATION

Name	Part Number	Serial Number	T.S.O.	Remarks	Name	Part Number	Serial Number	T.S.O.	Remarks
Anti-Ice Valve	KW15632	2289	00.0		Motive Flow Valve	2524995-1	A90854	00.0	
Exciter	9049770-3	97504269	00.0		Oil Cooler	3015303	2049	00.0	
Exciter	9049770-3	97504266	00.0		Oil Filter	3029315	NSN	00.0	
Fuel Control Unit	3244759-4	A58610	00.0		Oil Pump	3104268-01	HT1035	00.0	Ex - PCE77277
Fuel Pump	398601-2	0342	00.0		Schedule Modulator	3244758-1	PWC97A506	00.0	
Igniter Plugs (2 ea.)	FHE246-4	NSN	New		Shut-off Valve	25607-2	3232	00.0	

This Engine Has Been Overhauled And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration, Title 14, Code of Federal Regulations, Part 43 and in Respect to That Work, This Engine is Approved for Return to Service. Pertinent Details Of This Overhaul Are On File At This Repair Station Under Sales Order OH54224.

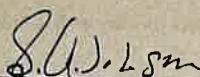
Warranty May Be Transferred With Prior Written Consent. Please Call 1.800.527.5003.

Authorized Signature:




Date: August 24, 2012

Prepared By:



1. Approving National Aviation Authority/Country FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: OH54225
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4. Organization Name and Address  Dallas Airmotive, Inc. 6114 Forest Park Road Dallas, TX 75235 Certificate Number: YRRR491L	5. Work Order/Contract/Invoice Number: OH54225
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6. Item	7. Description:	8. Part Number	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	PWC JT15D-4B Engine	3018000	N/A	1 (one)	PCE102056	OVERHAULED

13. Remarks TT: 6827.5 TSO: 00.0 CSN: 7297 CSO: Zero

Overhauled, Tested and Preserved with reference to Pratt & Whitney Overhaul Manual 3017543 Revision 28 Dated May 13, 2011 and other data and methods acceptable to the administrator.

Airworthiness Directive Status: Accomplished: AD 87-10-01 Amendment 39-5959 Dated July 15, 1988.

Pratt & Whitney Service Bulletins Accomplished: 7002, 7099, 7238, 7257, 7292, 7294, 7329, 7330, 7336, 7338, 7347, 7351, 7465, 7508, 7509, 7513, 7522, 7528, 7541, 7585, 7607, A7614, 7625.

Manufacturer's Service Bulletins Accomplished: Honeywell: 73-5, 73-8.

Details on file at this Repair Station under work order/s referenced in block 3 & 5 Inspector:  Date: **AUG 27 2012**

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13	19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
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15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: <i>Gregory J. Dozier</i>	21. Approval/Certificate No.: YRRR491L
17. Name (Typed or Printed):	18. Date:	22. Name (Typed or Printed): Gregory J. Dozier	23. Date: AUG 27 2012

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

215004
RECOMM. 215005
215015
215002
NOTE Item Code Date for Calendar

DallasAirmotive

6114 Forest Park Road
Dallas, TX 75235-6498

BBA Aviation

CERTIFICATE NO. YRRR491L

JT15D-4B	Engine S/N: PCE102056	T.S.N.: 6827.5	C.S.N.: 7297	T.S.O.: 00.0	C.S.O.: Zero
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Overhauled, Tested and Preserved with reference to Pratt & Whitney Overhaul Manual 3017543 Revision 28 Dated May 13, 2011 and other data and methods acceptable to the administrator.

Turbine Vane Ring Areas: H.T.: 38.31 L.T.: 39.15

Airworthiness Directive Status: **Accomplished:** AD 93-18-08 Amendment 39-8693 Dated November 24, 1993. AD 87-10-01 Amendment 39-5959 Dated July 15, 1988.

Previously Accomplished: AD 91-15-02 Amendment 39-7065 Dated August 22, 1991.

Pratt & Whitney Service Bulletins Accomplished: 7002, 7238, 7257, 7292, 7329, 7336, 7338, 7347, 7351, 7369, 7376, 7465, 7508, 7509, 7513, 7522, 7528, 7541, 7549, A7614, 7620, 7625.

CORRECTED ENGINE PERFORMANCE

TRIM DATA WEIGHT LOCATION

Thrust	N1%	Nozzle Class	N2%	T5 Trim Ω	Buld Spec	High Rotor (F)				High Rotor (R)				Low Rotor		
2500	98.0	S6	95.2	30.9	638	FE18	FE23	PF25	N/R	RE18	RE23	RF25	N/R	F2	N/R	N/R

LIFE LIMITED COMPONENTS INSTALLATION (Note: Refer To S/B 7002, Latest Revision, For Approved Life Limits)

Name	Part Number	Serial Number	T.S.N.	C.S.N.	Remarks	Name	Part Number	Serial Number	T.S.N.	C.S.N.	Remarks
Hub - L.C.	3018018	1P053	6827.5	14,594		Blades - H.T.	3029601	NSN	TSO: 00.0	N/A	
Hub - Booster	3021112	8N726	6827.5	7297		Disk - Stage 2, L.T.	3022212	1P870	6827.5	7297	
Impeller	3033532	2C808	N/A	6070		Disk - Stage 3, L.T.	3021213	1P027	6827.5	7297	
Disk-H.T.	3023411	75A714	6827.5	7297							

LOW COMPRESSOR BLADE INSTALLATION

Part Number	Serial Number	Part Number	Serial Number	Part Number	Serial Number	Part Number	Serial Number
3019801CL11	PV9732427	3019801CL11	PV9732405	3019801CL11	PV9732403	3019801CL9	PV9732408
3019801CL9	PV9732212	3019801CL11	PV9732407	3019801CL10	PV9732418	3019801CL12	PV9732413
3019801CL9	PV9732201	3019801CL11	PV9732409	3019801CL11	PV9732414	3019801CL9	PV9732426
3019801CL11	PV9732410	3019801CL10	PV9732425	3019801CL11	PV9732412	3019801CL9	PV9732209
3019801CL13	PV9732411	3019801CL11	PV9732424	3019801CL11	PV9732415	3019801CL11	PV9732401
3019801CL11	PV9732423	3019801CL11	PV9732421	3019801CL11	PV9732417	3019801CL12	PV9732406
3019801CL10	PV9732402	3019801CL11	PV9732419	3019801CL9	PV9732203	3019801CL11	PV9732422

ACCESSORY INSTALLATION

Name	Part Number	Serial Number	T.S.O.	Remarks	Name	Part Number	Serial Number	T.S.O.	Remarks
Anti-Ice Valve	KW15632	3410	00.0		Motive Flow Valve	2524995-1	A90444	00.0	
Exciter	9049770-3	97392347	00.0		Oil Cooler	3015303	1963	00.0	
Exciter	9049770-3	NN99481589	00.0		Oil Filter	3029315	NSN	00.0	
Fuel Control Unit	3244759-4	A92581	00.0		Oil Pump	PWC3104268-01	90D10986	00.0	
Fuel Pump	398601-2	0420	00.0		Schedule Modulator	3244758-1	C18318	00.0	
Igniter Plugs (2 ea.)	FHE246-4	NSN	New		Shut-off Valve	25607-2	3058	00.0	

This Engine Has Been Overhauled And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration, Title 14, Code of Federal Regulations, Part 43 and in Respect to That Work, This Engine is Approved for Return to Service. Pertinent Details Of This Overhaul Are On File At This Repair Station Under Sales Order **OH54225**.

Warranty May Be Transferred With Prior Written Consent. Please Call 1.800.527.5003.

Authorized Signature:

Date: August 27, 2012

Prepared By: