

# N178DA

## 1984 Citation SII

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# RH Engine

# Logbook

## SN: 102056

**MSN: S550-0004**



**RidgeAire**  
WORLDWIDE  
aviation specialists

*Prepared by the worldwide aviation specialists at RidgeAire, Inc.*



# Dallas Airmotive

A StandardAero Company

21625 N. Central Avenue, Ste. 104 Phoenix, AZ 85024

CERTIFICATE NO. YRR4491L

MANUFACTURER  
PRATT & WHITNEY

UNIT NAME  
ENGINE

TYPE/MODEL  
JT15D-4B

SERIAL NUMBER  
PCE-102056

TSN  
7,930.80

TSO  
UNK

CSN  
7,918

CSO  
UNK

Overhaul

Repair

Inspection

Complied with customer requested engine borescope inspection. Customer opened engine, and will close engine after inspection. Findings reported to customer. All work accomplished with reference to Pratt & Whitney manual P/N 3017542 Rev.# 53.0 dated 25-Apr-2022, and other data and methods acceptable to the administrator. -----END-----

This certifies that the work requested by the customer and described on the sales order listed below was accomplished and inspected with reference to instructions for continued airworthiness, other data acceptable to the FAA and current FAA regulations, and with respect to the work performed, is approved for return to service. Pertinent details of this repair are on file at this FAA Certified Repair Station, under Sales Order # : RPR63097

Date: 8-Dec-2023

Signature: \_\_\_\_\_

Gary J Jost



## Engine Evaluation/Condition Report

CUSTOMER:	<b>Northstar Aviation</b>	WORK ORDER NO:	<b>RPR63097</b>
ENGINE MFG:	<b>Pratt &amp; Whitney</b>	ENGINE MODEL:	<b>JT15D-4B</b>
AIRCRAFT REG. NO:	<b>N178DA</b>	AIRCRAFT S/N:	<b>550-0004</b>
AIRCRAFT TT:	<b>8014.8</b>	AIRCRAFT TC:	<b>8191</b>
REASON FOR INSPECTION:		<b>Customer requested Engine Borescope</b>	
CUSTOMER NAME/PHONE NUMBER:		<b>Dante Marinelli    928-764-1999</b>	
ENGINE SERIAL #:	<b>PCE-102056</b>	ENGINE POSITION:	<b>RIGHT</b>
TSN:	<b>7930.8</b>	CSN:	<b>7918</b>
TSO	<b>UNK</b>	CSO	<b>UNK</b>
ISSUED BY:	<b>Gary J Jost</b>		
DATE:	<b>11-December-2023</b>		



# Engine Evaluation Report

DATE:



Engine Model:

JT15D-4B

Serial Number:

PCE-102056

Engine Time:

7930.8

Engine Cycle:

7918

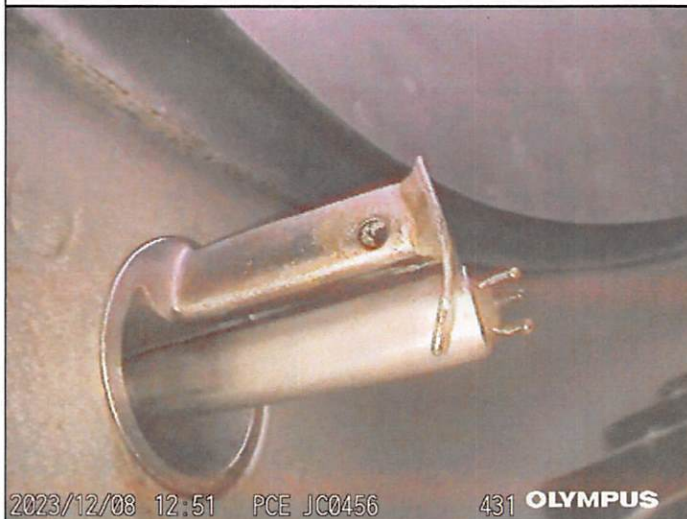
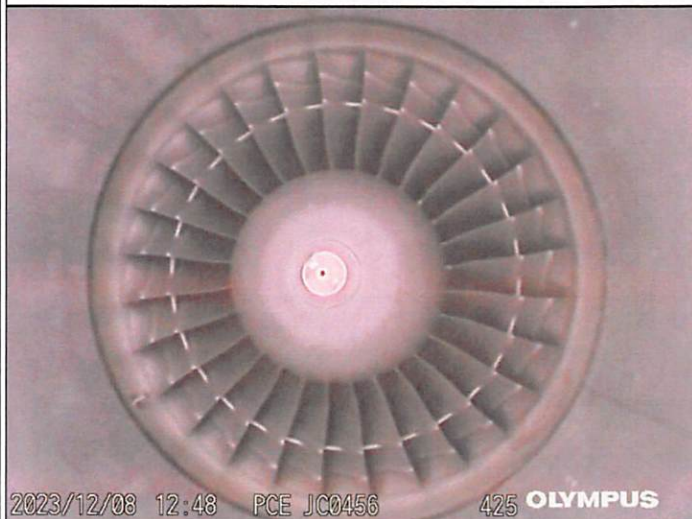
A/C Registration

Engine Data Plate



LC Rotor (Inlet Fan)

T1 Inlet Sensor





# Engine Evaluation Report

DATE:

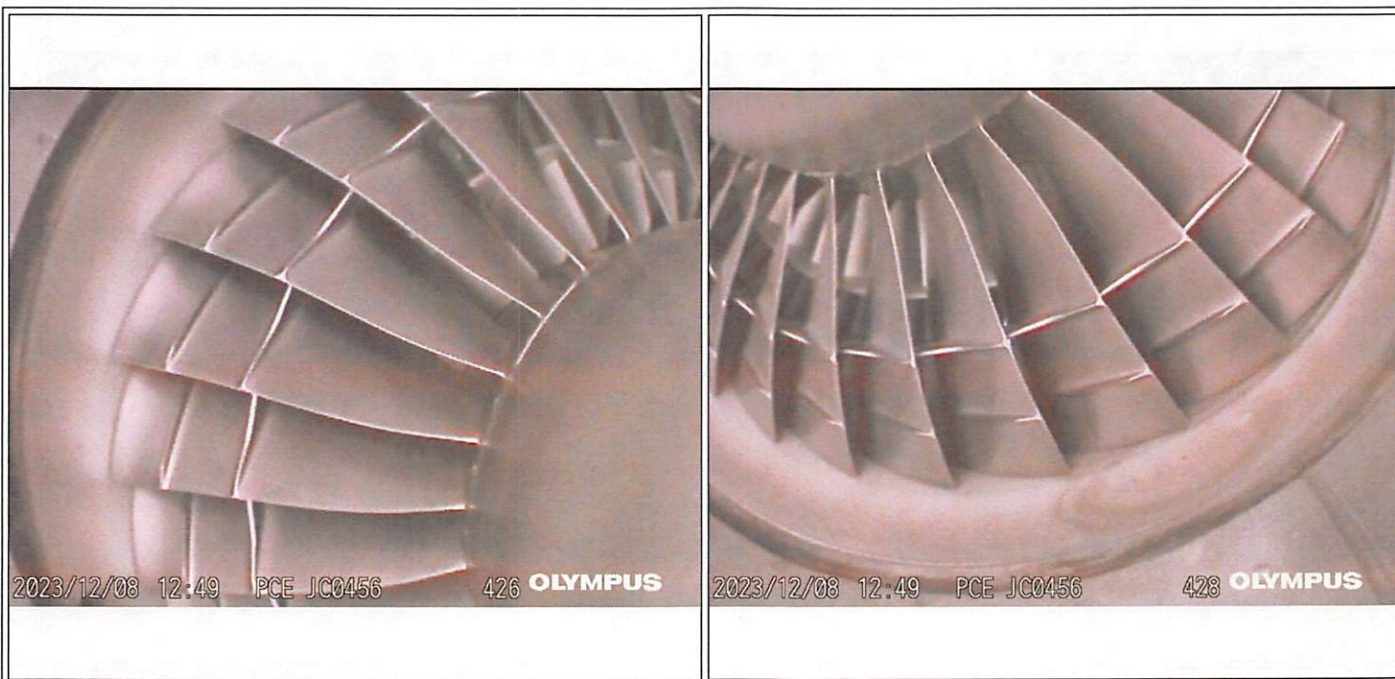


Engine Model:	JT15D-4B	Serial Number:	PCE-102056
Engine Time:	7930.8	Engine Cycle:	7918

• Inlet Case – no anomalies noted



• Low Compressor (Fan) – no anomalies noted





# Engine Evaluation Report

DATE:



Engine Model:

JT15D-4B

Serial Number:

PCE-102056

Engine Time:

7930.8

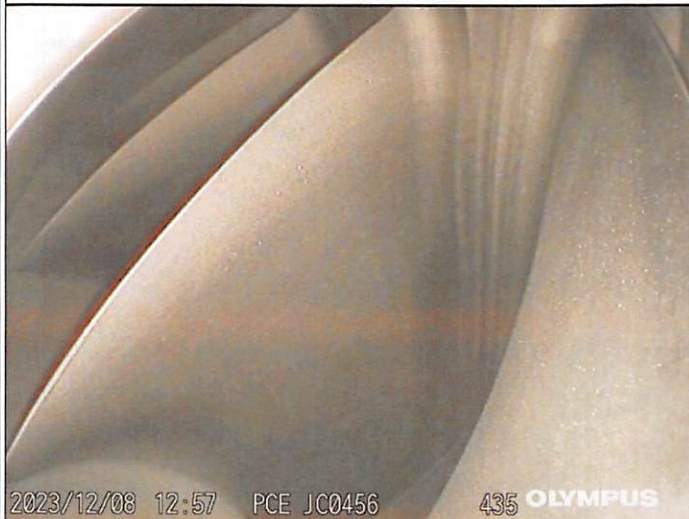
Engine Cycle:

7918

• Intermediate Case – several areas with paint missing



• Impeller – main blade & mid-span - no anomalies noted





# Engine Evaluation Report

DATE: 01/23/2024



Engine Model:

JT15D-4B

Serial Number:

PCE-102056

Engine Time:

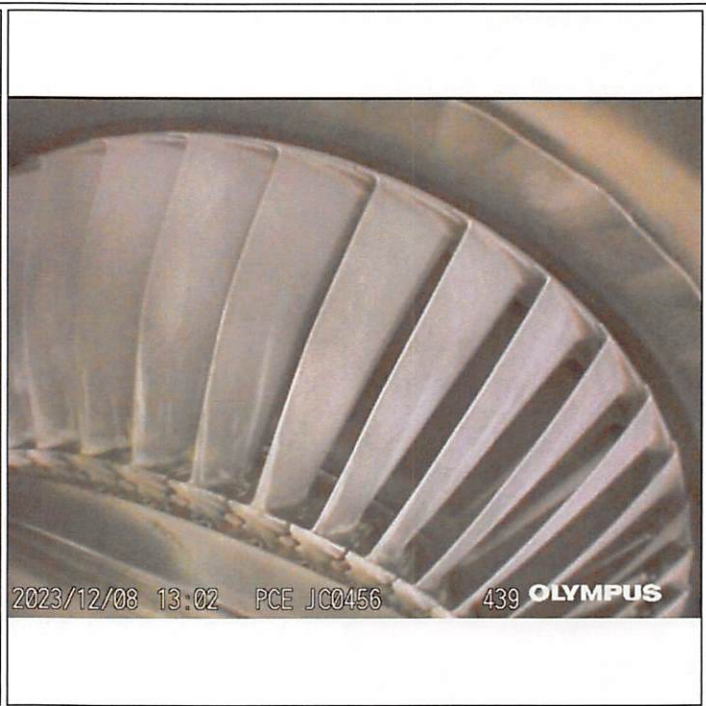
7930.8

Engine Cycle:

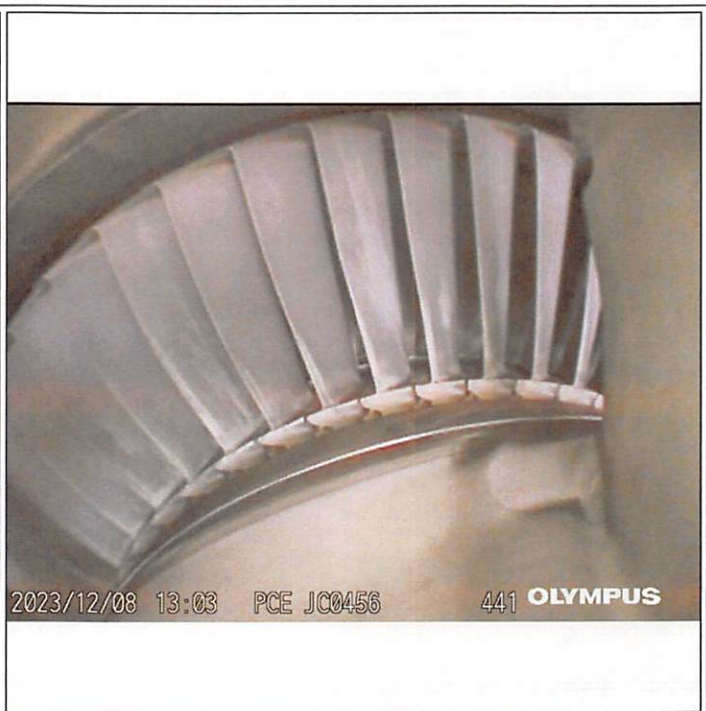
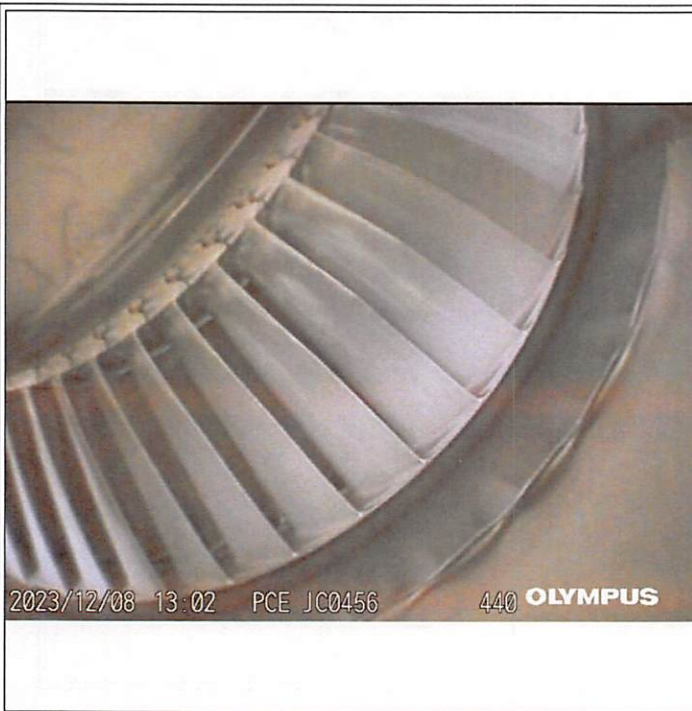
7918

• Impeller – no signs of rub noted

LT Rotor 3<sup>rd</sup> Stage Blades – no anomalies noted



• LT Rotor 3<sup>rd</sup> Stage Blades – no anomalies noted





# Engine Evaluation Report

DATE:



Engine Model:

JT15D-4B

Serial Number:

PCE-102056

Engine Time:

7930.8

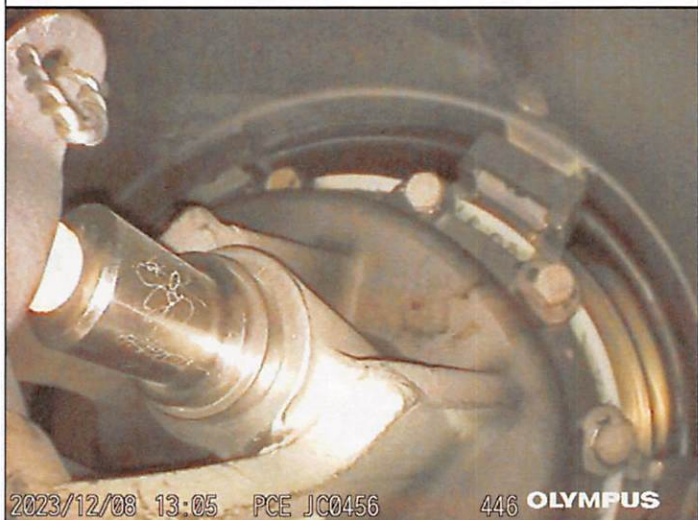
Engine Cycle:

7918

• #4 Bearing Housing Assy. – no anomalies noted



• #4 Bearing Housing Assy. – no anomalies noted





# Engine Evaluation Report

DATE:



Engine Model:

JT15D-4B

Serial Number:

PCE-102056

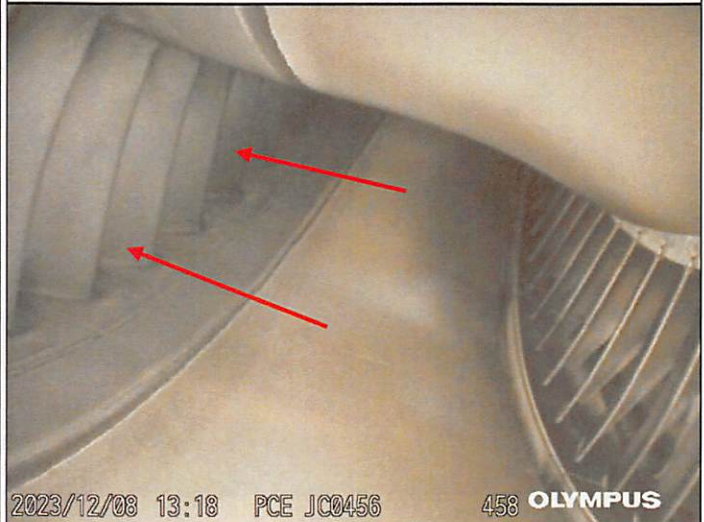
Engine Time:

7930.8

Engine Cycle:

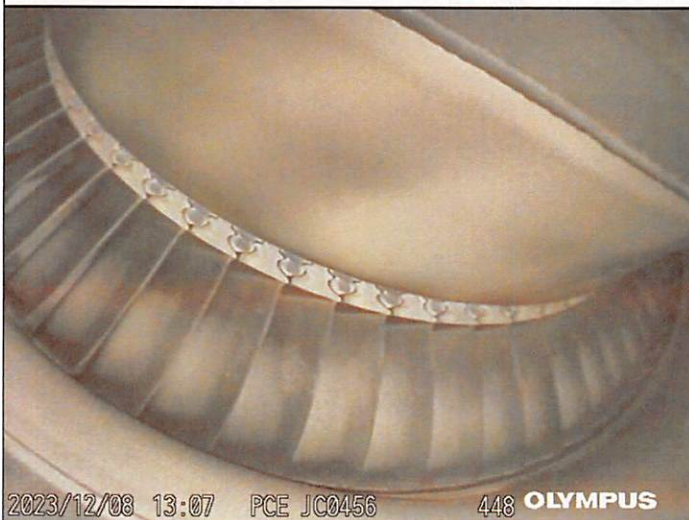
7918

• LT Stator – L/E of vanes, no anomalies noted



• HT Blades – T/E no anomalies noted

SB7317 Compliance





# Engine Evaluation Report

DATE:



Engine Model:

JT15D-4B

Serial Number:

PCE-102056

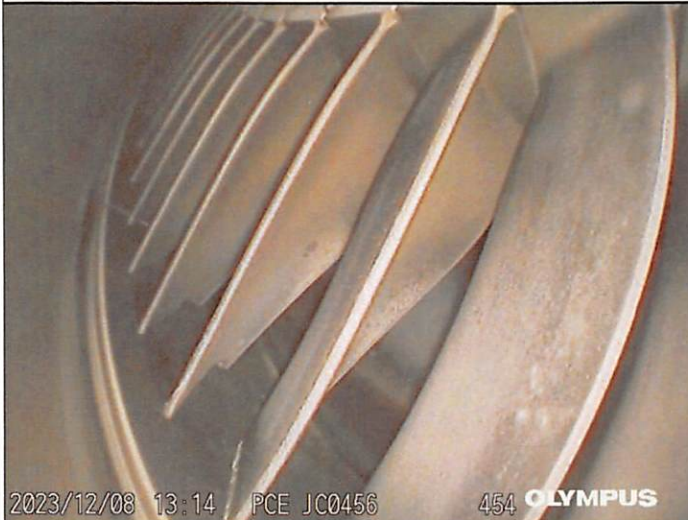
Engine Time:

7930.8

Engine Cycle:

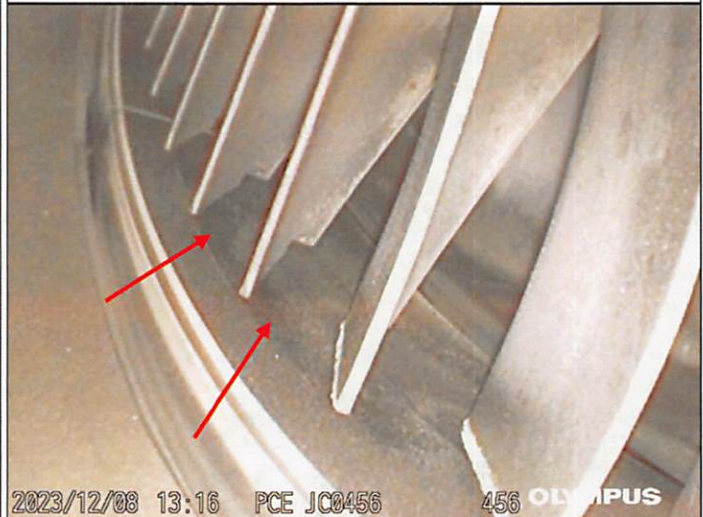
7918

HT Blades – T/E & L/E -- no anomalies noted



HT Blades – witness step indicates some blade length/life remaining

Light HT Blade rub





# Engine Evaluation Report

DATE:



Engine Model:

JT15D-4B

Serial Number:

PCE-102056

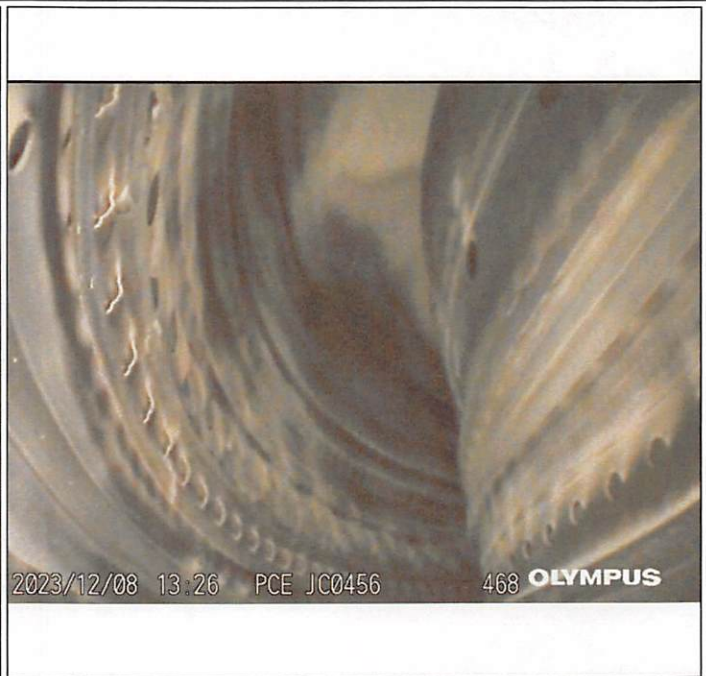
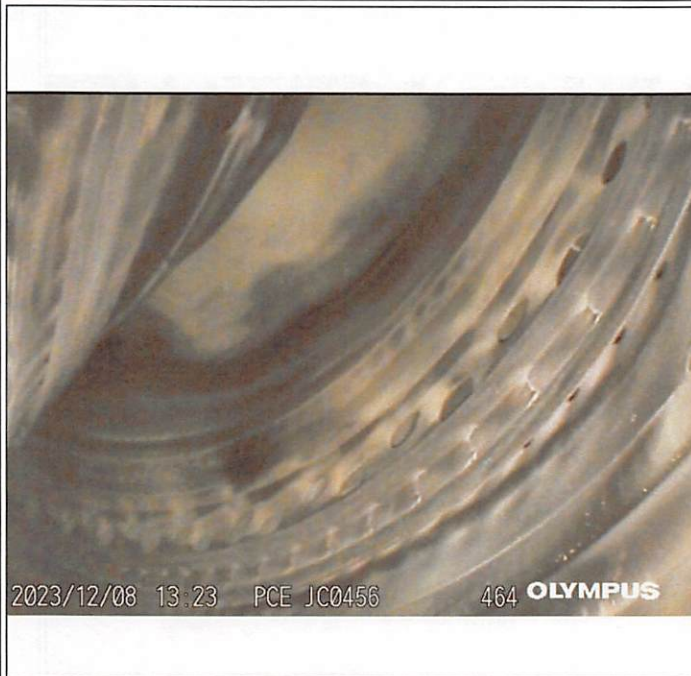
Engine Time:

7930.8

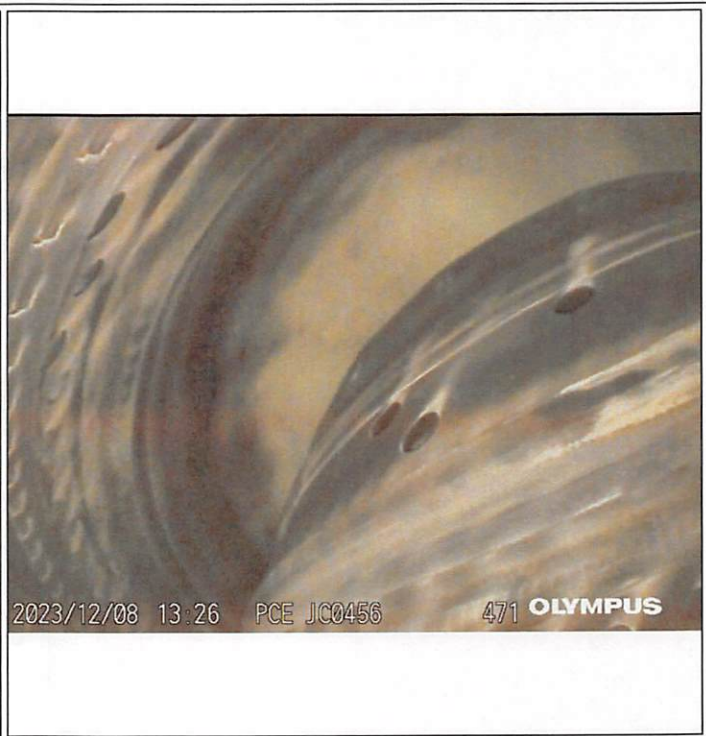
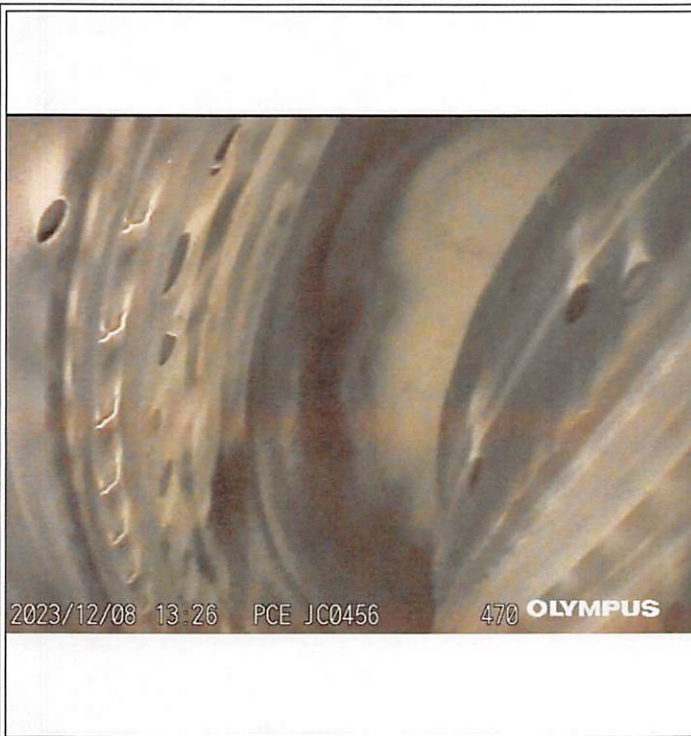
Engine Cycle:

7918

- Combustion Liner – Inner/Outer Walls, Large Exit Duct (LED) -- no anomalies noted



- Combustion Liner – Inner/Outer Walls, Large Exit Duct (LED) -- no anomalies noted





# Engine Evaluation Report

DATE:



Engine Model:	JT15D-4B	Serial Number:	PCE-102056
Engine Time:	7930.8	Engine Cycle:	7918

Fuel Nozzle Tip & Sheath – no anomalies noted



Combustion Liner Support Pin & Fuel Adapter – no anomalies noted

Fuel Adapter & Sheath



**NOTE:** Given the nature of borescope instrumentation it is often not possible to make observations and examine all areas of an individual engine as part of an evaluation. Based on this limitation, Dallas Airmotive, Inc. cannot and does not warrant its findings for borescope evaluations (pre-purchase and otherwise) against the possibility that hidden damage may exist that was not observable and reported by our technician at the time of the evaluation.



# Engine Evaluation Report

DATE:



Engine Model:

JT15D-4B

Serial Number:

PCE-102056

Engine Time:

7930.8

Engine Cycle:

7918

- Deflector Ring, Segment, & Rivets – no anomalies noted



- Deflector Ring, Segment, & Rivets – no anomalies noted





# Maintenance Transaction Record

CAMP MTR ID # 3731426



This Maintenance Report is To Be Used Solely For (Check One)

Airframe Entries     
  Eng.#1 Serial No. \_\_\_\_\_     
  Eng.#2 Serial No. PCE-102056     
  APU Serial No. \_\_\_\_\_

**Aircraft Identification and Status**

A/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	Freon Hrs
S550-0004	0004	N178DA	30-Jun-2022	KHII	7874	8085	7790	7790	7812	7812	0

**Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished**

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Installed Part Status	TSN/TSO/TSR	Material Costs	Man Hours
057110	1	2	NO. 2 ENGINE - MINOR INSPECTION Comments: Complied with 24 Month/300 HR R/H Engine Minor inspection IAW JT15D-4B EMM, Chapter 72-00-00.									
741030	2	2	NO. 2 ENGINE - VISUAL INSPECT LOWER IGNITION EXCITER Comments: Complied with 24 Month/300 HR R/H Engine Lower Ignition Exciter visual inspection IAW JT15D-4B EMM, Chapter 72-00-00.	LOWER	9049770-3		97392347					
741030	3	2	NO. 2 ENGINE - VISUAL INSPECT UPPER IGNITION EXCITER Comments: Complied with 24 Month/300 HR R/H Engine Upper Ignition Exciter visual inspection IAW JT15D-4B EMM, Chapter 72-00-00.	UPPER	9049770-3B		97341554					
770010	4	2	NO. 2 ENGINE - INSPECT T1 PROBE THERMOCOUPLE HARNESS FOR DAMAGE OR PROBES TOUCHING EACH OTHER Comments: Complied with 24 Month/300 HR R/H Engine T1 Probe Thermocouple Harness For Damage or Probes Touching inspection IAW JT15D-4B EMM, Chapter 72-00-00.									

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, - Misc.

Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN - Unscheduled, CO - Convenience, N - Other (note in comments)

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

Repair Facility	<u>NORTHSTAR AVIATION SERVICES</u>	Certified Repair Station Number	Work Order No.	<u>HII-22-3478</u>	
Work Performed By	<u>JUSTIN SHIELDS</u>	Certificate No.	<u>AP 4063434</u>	Date	<u>30-Jun-2022</u>
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the <input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) _____ and THE AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.					
Work Inspected By	<u>JUSTIN SHIELDS</u>	Certificate No.	<u>AP 4063434</u>	Date	<u>30-Jun-2022</u>
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.					

Maintenance Log	
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# Maintenance Transaction Record

CAMP MTR ID # 3428620



This Maintenance Report is To Be Used Solely For (Check One)

Airframe Entries     
  Eng.#1 Serial No. \_\_\_\_\_     
  Eng.#2 Serial No. PCE-102056     
  APU Serial No. \_\_\_\_\_

**Aircraft Identification and Status**

A/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs	APU Events	Freon Hrs
S550-0004	0004	N178DA	10-Nov-2021	KHII	7774.6	7998	7690.6	7690.6	7725	7725			0

**Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished**

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
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750010	1	1	NO. 2 ENGINE - LOW PRESSURE COMPRESSOR ANTI-ICING SOLENOID VALVE		KW15632H		4202	WO	O			
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Comments: Removed R/H engine anti-icing valve P/N 3018531 S/N 3410 and installed overhauled valve P/N 3018531 S/N 4202 IAW JT15D-4B EMM, Chapter 72-00-00.  
 Installed R/H engine anti-icing relay P/N CUH41-30010 IAW Cessna S550 MM.

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN - Unscheduled, CO - Convenience, N - Other(note in comments)

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

**Repair Facility** NORTHSTAR AVIATION SERVICES     
 **Certified Repair Station Number** \_\_\_\_\_     
 **Work Order No.** HII-21-3171

**Work Performed By** JUSTIN SHIELDS     
 **Certificate No.** AP 4063434     
 **Date** 10-Nov-2021

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

Federal Aviation Administration     
  Other (Specify) \_\_\_\_\_ and

THE AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY AND APPROVED FOR RETURN TO SERVICE.

**Work Inspected By** JUSTIN SHIELDS     
 **Certificate No.** AP 4063434     
 **Date** 10-Nov-2021

Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.

Maintenance Log	
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**Maintenance Transaction Record**

CAMP MTR ID # 3088636



This Maintenance Report is To Be Used Solely For (Check One)

Airframe Entries     
  Eng.#1 Serial No. \_\_\_\_\_     
  Eng.#2 Serial No. 102056     
  APU Serial No. \_\_\_\_\_

**Aircraft Identification and Status**

A/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs	APU Events	Freon Hrs
S550-0004	0004	N178DA	21-Apr-2020	KSUS	7662.2	7887	7578.2	7578.2	7614	7614			0

**Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished**

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
057110	1	2	NO. 2 ENGINE - MINOR INSPECTION Comments: Complied with the Engine Minor Inspection per JT15D-4B MM Chapter 72-00-00, Table 601.									
741030	2	2	NO. 2 ENGINE - VISUAL INSPECT LOWER IGNITION EXCITER Comments: Complied with the igniter inspection per JT15D-4B MM Chapter 74-20-02.	LOWER	9049770-3		97392347					
741030	3	2	NO. 2 ENGINE - VISUAL INSPECT UPPER IGNITION EXCITER Comments: Complied with the igniter inspection per JT15D-4B MM Chapter 74-20-02.	UPPER	9049770-3B		97341554					
3088636004	4	-	OIL FILTER Comments: Removed, inspected, and cleaned the oil filter. Reinstalled filter with a new seal.									
741015	5	1	NO. 2 ENGINE - UPPER IGNITION EXCITER Comments: Removed part no: 9049770-3 Removed serial no: NN99481589. Installed a serviceable igniter exciter (P/N: 9049770-3B, S/N: 97341554) (as-removed from JT15D-5D, S/N: PCE-108392). Operational check was satisfactory.	UPPER	9049770-3B		97341554	N	S			

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN - Unscheduled, CO - Convenience, N - Other(note in comments)

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

**Repair Facility** AVMATS JET SUPPORT     
 **Certified Repair Station Number** UVVR932L     
 **Work Order No.** 40158  
**Work Performed By** AVMATS JET SUPPORT     
 **Certificate No.** UVVR932L     
 **Date** 21-Apr-2020

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the  
 Federal Aviation Administration     
 Other (Specify) \_\_\_\_\_ and  
**WITH RESPECT TO THE WORK PERFORMED THIS AIRCRAFT / ENGINE IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION.**

**Work Inspected By** [Signature]     
 **Certificate No.** UVVR932L     
 **Date** 21-Apr-2020

Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.

Maintenance Log	
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# Maintenance Transaction Record

CAMP MTR ID # 2836449



This Maintenance Report is To Be Used Solely For (Check One)

Airframe Entries     
  Eng.#1 Serial No. \_\_\_\_\_     
  Eng.#2 Serial No. PC-E 102056     
  APU Serial No. \_\_\_\_\_

### Aircraft Identification and Status

A/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Ttl Hrs	Engine 2 Ttl Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs	APU Events	Freon Hrs
S550-0004	0004	N178DA	22-Feb-2018	KSUS	7526.3	7820	7423.4	7423.4	7547	7547			0

### Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No.	Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR	Material Costs	Man Hours
057110	1	2	NO. 2 ENGINE - MINOR INSPECTION									
Comments: Complied with the engine minor inspection items in reference to current P&WC JT15D-4B MM, P/N 3017542, Chapter 72-00-00, Table 601.												
741030	2	2	NO. 2 ENGINE - VISUAL INSPECT LOWER IGNITION EXCITER	LOWER	9049770-3		97392347					
Comments: Complied with the ignition exciter inspection/test in reference to P&WC JT15D-4B MM, P/N 3017542, Chapter 74-10-01. No defects noted.												
741030	3	2	NO. 2 ENGINE - VISUAL INSPECT UPPER IGNITION EXCITER	UPPER	9049770-3		NN99481589					
Comments: Complied with the ignition exciter inspection/test in reference to P&WC JT15D-4B MM, P/N 3017542, Chapter 74-10-01. Rerouted wires to prevent contact with bleed air line. No other defects noted.												

Trans Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, -- Misc.

Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN - Unscheduled, CO - Convenience, N - Other(note in comments)

Installed Part Status: N - New, R - Repaired / Rebuilt, S - Serviceable, O - Overhauled, T - Tested, M - Modified, I - Inspected

**Repair Facility** KCAC AVIATION     
 **Certified Repair Station Number** M9TR576Y     
 **Work Order No.** MS-18-03934

**Work Performed By** KCAC AVIATION     
 **Certificate No.** M9TR576Y     
 **Date** 22-Feb-2018

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the

Federal Aviation Administration     
  Other (Specify) \_\_\_\_\_ and

THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS ARE ON FILE UNDER THE ABOVE WORK ORDER.

**Work Inspected By** [Signature]     
 **Certificate No.** M9TR576Y     
 **Date** 22-Feb-2018

Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.

Maintenance Log	
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### Maintenance Transaction Record

MTR ID # 2553044

Page 1 of 1

This Maintenance Report is To Be Used Solely For (Check One)

CAMP Systems International  
8200 E. 34TH STREET  
BUILDING 1600, SUITE 1607  
Wichita, KS 67226  
Phone: 316-462-2267/ Fax: 316-462-0791



Airframe Entries

Eng. #1 Serial No. \_\_\_\_\_

Eng. #2 Serial No. PC-E 102056

APU Serial No. \_\_\_\_\_

#### Aircraft Identification and Status

A/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Engine 1 Total Hrs	Engine 2 Total Hrs	Engine 1 Ttl Cycles	Engine 2 Ttl Cycles	APU Hrs	APU Events	Freon Hrs
S550-0004	0004	N178DA	18-Mar-2016	KSUS	7344.1	7741	7241.2	7241.2	7468	7468			0

#### Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Item	Transaction No. Type	Item Name	Position	Part Number / Alternate Part	Mod Level	Part Serial	Removal Reason	Installed Part Status	TSN/TSO/TSR	Material Costs	Man Hours
057110	1 2	NO. 2 ENGINE - MINOR INSPECTION									
Comments: Complied with the engine minor inspection items in reference to current P&WC JT15D-4B MM, P/N 3017542, Chapter 72-00-00, Table 601.											
741030	2 2	NO. 2 ENGINE - VISUAL INSPECT LOWER IGNITION EXCITER	LOWER	9049770-3		97392347					
Comments: Inspected the ignition exciter in reference to P&WC JT15D-4B MM, P/N 3017542, Chapter 74-10-01. No defects noted.											
741030	3 2	NO. 2 ENGINE - VISUAL INSPECT UPPER IGNITION EXCITER	UPPER	9049770-3		NN99481589					
Comments: Inspected the ignition exciter in reference to P&WC JT15D-4B MM, P/N 3017542, Chapter 74-10-01. No defects noted.											
B742001	4 2	INSPECT ENGINE IGNITERS: PHASE 2									
Comments: Inspected the igniters in reference to P&WC JT15D-4B MM, P/N 3017542, Chapter 74-20-02.											
742010	5 1	NO. 2 ENGINE - OUTBOARD IGNITER PLUG	OUTBOARD	FHE-246-4		NSN	WO	N	0 MTH 0 HRS		
Comments: Removed part no: FHE-246-4 Removed serial no: NSN. Replaced outboard igniter with new (p/n FHE264-4) in reference to P&WC JT15D MM 74-20-02. Operational check was satisfactory.											
742020	6 1	NO. 2 ENGINE - INBOARD IGNITER PLUG	INBOARD	FHE-246-4	3030595	NSN	WO	N	0 MTH 0 HRS		
Comments: Removed part no: FHE-246-4 Removed serial no: NSN. Replaced inboard igniter with new (p/n FHE264-4) in reference to P&WC JT15D MM 74-20-02. Operational check was satisfactory.											

Trans. Type: 1 - Component, 2 - Inspection, 3 - SB, 4 - AD, - - Misc.

Removal Reasons: WO - Worn to Limits, SC - Scheduled, UN - Unscheduled, CO - Convenience, N - Other (note in comments)

Installed Part Status: N - New, R - Repaired/Rebuilt, S - Serviceable, O - Overhauled

<b>Repair Facility</b>	KCAC AVIATION LLC	<b>Certified Repair Station Number</b>	M9TR576Y	<b>Work Order No.</b>	MS-16-03153
<b>Work Performed By</b>	KCAC AVIATION LLC	<b>Certificate No.</b>	M9TR576Y	<b>Date</b>	18-Mar-2016
I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the					
<input checked="" type="checkbox"/> Federal Aviation Administration <input type="checkbox"/> Other (Specify) _____ and _____					
THE AIRCRAFT, AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS ARE ON FILE UNDER THE ABOVE WORK ORDER.					
<b>Work Inspected By</b>	<i>[Signature]</i>	<b>Certificate No.</b>	M9TR576Y	<b>Date</b>	18-Mar-2016
Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.					

Maintenance Log	
Section	Page



CAMP Systems International  
 8200 E. 34th St. Bldg.1600, Suite 1607  
 Wichita, KS 67226  
 Phone: 316-462-2267 Fax: 316-462-0791

### Maintenance Transaction Report

This Maintenance Transaction Report Is To Be Solely For (Check One)

Airframe Entries  
 Eng. # 1  
 Eng. # 2  
 APU  
 Serial No.  Serial No.  Serial No.

#### Aircraft Identification and Status

A/C Serial No.	A/C Unit No.	A/C Registration	Date (Mo.-Day-Yr.)	City Identifier	Total A/C Hours	Total A/C Landings	Total Engine Hours	Total Engine Cycles	APU Hours	APU Events
S550-0004	0004	N178DA	4/17/2013	SUS	7005.1	7596	#1 <input type="text"/> #2 6885.7	#1 <input type="text"/> #2 7323	<input type="text"/>	<input type="text"/>

#### Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Cescom Item Code	Transaction No.	Type	Item Name	Position	Installed Vendor Part Number	Mod Level	Installed Serial Number	Removal Reason	Installed Part Status	TBO (Enter # Change Desired)	TSO Installed Part	Material Costs	Man Hours
5-12-02	2	2	PHASE 2										
5-12-04	4	2	PHASE 4										
		1	IGNITION LEAD	OB	3107371-02				N				

**Type Transaction**

- Component Change
- Inspection Accomplished
- Service Bulletin Accomplished
- Airworthiness Directive Accomplished

Detail Method Of Compliance  
 Under Comments Below

- W - Worn To Limits  
 S - Scheduled  
 U - Unscheduled  
 C - Convenience  
 N - Other (note below)

**Enter One**

- Installed Part Status  
 N - New  
 R - Repaired  
 S - Serviceable  
 O - Overhauled

#### This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

1	Complied with INSPECTION PHASE 2 in reference to Cessna Model 550/SII MM Chapter 5-12-02.
2	Complied with INSPECTION PHASE 4 in reference to Cessna Model 550/SII MM Chapter 5-12-04.
3	Removed and replaced the outboard ignition lead with new in reference to JT15D MM 74-20-01.
4	
5	
6	
7	
8	

Work Order No.

Maintenance Log Section

Maintenance Log Page

Work Performed By:  Certificate No.  Date 04/17/13 Scheduled Removal Due (TAT)



I certify that the above stated maintenance and/or inspections was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service

**Permanent Aircraft Record - File In Maintenance Log**

Work Inspected By:  Certificate No.  Date 4/17/2013



## DOCUMENT OFFICIEL - OFFICIAL RECORD

1. Autorité de l'aviation civile/Pays qui approuve le bon de sortie Approving Civil Aviation Authority/Country		2. BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE			3. Numéro de suivi du formulaire - Form Tracking No.	
Transport Canada		FORM ONE			81958065 - 000022 1928612	
4. Nom et adresse de l'organisme - Organization Name and Address		Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411			5. Bon de travail/Contrat/Facture - Work Order/Contract/Invoice	
 <b>Pratt &amp; Whitney Canada</b> Une société de United Technologies / A United Technologies Company					2449786 1993099	
6. Article - Item	7. Description	8. Numéro de pièce - Part No.	9. Qtée. - Qty.	10. Numéro de série/de lot - Serial/Batch No.	11. Situation/Travail - Status/Work	
000001	CABLE-IGNITION EXCITER TO IGNITER	3107371-02	3 EA	N/A	NEW	
12. Remarques - Remarks						
<p>Note: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à la fabrication et ne doivent pas être inscrits sur le présent certificat. Note: Any serial numbers that may be present on labels or parts are for manufacturing purposes and need not be referenced on this certificate.</p>						
<p><b>TRUE CERTIFIED COPY</b></p> <p><i>D. Ramsay</i></p> <p>HIST SEQ:  COND: FN ITEM: 3107371-02 *1704463* PL: 31 LOT: DD-118292-5 BIN: B18C13 RECD: 03/12/13</p>						
<p>Le cas échéant, la durée de stockage est précisée sur l'emballage de l'article - When applicable, shelf life is indicated on the item packaging. "Le numéro de pièce identifié sur la pièce peut inclure un suffixe alphabétique. Ce suffixe alphabétique dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat." "The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."</p>						
13a. Le présent bon de sortie certifie que les articles indiqués ci-dessus ont été construits conformément à : Certifies that the items identified above were manufactured in conformity to :			14a. <input type="checkbox"/> PAC 571.10 (certification après maintenance) - CAR 571.10 Maintenance Release <input type="checkbox"/> Autre réglementation précisée à la case 12 - Other regulations specified in block 12.			
<input checked="" type="checkbox"/> des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité approved design data and are in condition for safe operation. <input type="checkbox"/> des données de conception non approuvées indiquées à la case 12. non approved design data specified in block 12.			<p>Le présent bon de sortie certifie que, sauf indication contraire à la case 12, le travail indiqué à la case 11 et décrit à la case 12, a été effectué conformément au Règlement de l'aviation canadien. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.</p>			
13b. Signature		13c. Numéro de l'organisme agréé Approved Organization Number		14b. Signature		14c. Numéro de l'organisme agréé Approved Organization Number
<i>D. Ramsay</i> (R) TC 4-08 NO. 122		4 - 58		S/O - N/A		S/O - N/A
13d. Nom - Name		13e. Date (dd/mmm/yyyy)		14d. Nom - Name		14e. Date (dd/mmm/yyyy)
D. Ramsay		22/FEB/2013		S/O - N/A		S/O - N/A

FORM ONE (2009-12) - P&amp;WC 5720 (2009-12) \* Le monteur doit contre-vérifier l'admissibilité avec les données approuvées - \*Installer must cross-check eligibility with approved data

## RESPONSABILITÉS DU MONTEUR - INSTALLER RESPONSIBILITIES

1. Le présent bon de sortie ne constitue pas une autorisation de montage. - 1. This certificate does not constitute authority to install.
2. Le monteur qui travaille conformément à la réglementation d'un pays autre que celui spécifié à la case 1 doit s'assurer que la réglementation en question reconnaît la certification du pays ainsi spécifié. - 2. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from country specified.
3. Les déclarations des cases 13a et 14a ne constituent pas une certification du montage. Dans tous les cas, le dossier technique de l'aéronef doit inclure une certification de montage délivrée conformément à la réglementation nationale qui s'applique, avant que l'aéronef puisse voler. - 3. Statements in block 13a and 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

P&amp;WC JR3-0054-E (2009-12)

DOCUMENT OFFICIEL - OFFICIAL RECORD




Dallas Airmotive, Inc.  
F.A.A. CRS YRRR491L  
6114 Forest Park Road  
Dallas, Texas 75235

<b>CUSTOMER:</b> Midwest Aviation Center	<b>REG:</b> N178DA	<b>SN:</b> S550-0004
<b>HOBBS:</b> 6974.3	<b>TAT:</b> 6974.3	<b>LNDGS:</b> 7580
<b>ENG MOD:</b> JT15D-4B	<b>POSITION:</b> RH	<b>SN:</b> PCE-102056
<b>TTSN:</b> 6854.5	<b>TCSN:</b> 7313	<b>TSO:</b> 27.4
		<b>CSO:</b> 10

AGB overhauled by Dallas Airmotive due to failed oil pump. Installed OH AGB p/n 3023480 s/n 024006, installed OH Oil Pump p/n 3104268-01 s/n PWV04026CR, installed OH Oil Tube coupling p/n 3017980. Leak check and performance run satisfactory. Performed 1 hour penalty run, inspected Main Oil Filter, no debris noted. All work accomplished with reference to Citation Maintenance Manual S55DVD12-54 revision 17 dated 8/1/2012, PWC JT15D-4B Maintenance Manual pn 3017542 revision 40 dated 2/18/2011, and other data and methods acceptable to the administrator.

This certifies that the work requested by the customer and described on the sales order listed below was accomplished and inspected with reference to instructions for continued airworthiness, other data acceptable to the FAA and current FAA regulations, and with respect to the work performed, is approved for return to service. Pertinent details of this repair are on file at this FAA Certificated Repair Station.

Sales Order No.: FS29915 Date: 1-20-13

Signed: Scott John 





# Maintenance Transaction Report



Citation Product Support  
 The Cessna Aircraft Company  
 Post Office Box 7706 / Wichita, Kansas 67277  
 Telefax: 316-517-8500 / Phone: 316-517-6291

This Maintenance Transaction Report Is To Be Solely For (Check One)

Airframe Entries       Eng. # 1       Eng. # 2       APU

Serial No.       Serial No.       Serial No.

## Aircraft Identification and Status

A/C Serial No.	A/C Unit No.	A/C Registration	Date (Mo.-Day-Yr.)	City Identifier	Total A/C Hours	Total A/C Landings	Total Engine Hours	Total Engine Cycles	APU Hours	APU Events
S550-0004	0004	NN178DA	1/20/13	SLC	6074.3	7580	#1 <input type="text"/> #2 <input type="text"/>	#1 <input type="text"/> #2 <input type="text"/>	<input type="text"/>	<input type="text"/>

## Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Cescom Item Code	Transaction No.	Transaction Type	Item Name	Position	Installed Vendor Part Number	Mod Level	Installed Serial Number	Removal Reason	Installed Part Status	TBO (Enter # Change Desired)	TSO Installed Part	Material Costs	Man Hours
	1												
	2												
	3												
	4												
	5												
	6												
	7												
	8												

Type Transaction  
 1. Component Change  
 2. Inspection Accomplished  
 3. Service Bulletin Accomplished  
 4. Airworthiness Directive Accomplished

Detail Method Of Compliance  
 Under Comments Below

W - Worn To Limits  
 S - Scheduled  
 U - Unscheduled  
 C - Convenience  
 N - Other (note below)

Enter One  
 N - New  
 R - Repaired  
 S - Serviceable  
 O - Overhauled

Installed Part Status

## This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

Ref No 1

Manuall centered sync trimmer and sync actuator, adjusted rigging on both engine throttle controls at the FCU input.

All work accomplished with reference to Citation Maintenance Manual S55DVD12-54 revision 17 dated 8/1/2012, PWC JT15D-4B Maintenance Manual pn 3017542 revision 40 dated 2/18/2011, and other data and methods acceptable to the administrator.

This certifies that the work requested by the customer and described on the sales order listed below was accomplished and inspected with reference to instructions for continued airworthiness, other data acceptable to the FAA and current FAA regulations, and with respect to the work performed, is approved for return to service. Pertinent details of this repair are on file at this FAA Certificated Repair Station.

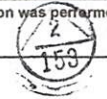
Repair Facility: Dallas Airmotive	Certified Repair Station Number: YRRR491L	Work Order No. FS29915	Maintenance Log Section	Maintenance Log Page
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Work Performed By: Scott Johnson	Certificate No. YRRR491L	Date 01/20/13	Scheduled Removal Due (TAT)
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I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration

Work Inspected By: *Scott Johnson*      Certificate No. YRRR491L      Date 1/20/13

**Permanent Aircraft Record - File In Maintenance Log**



Citation Product Support  
 The Cessna Aircraft Company  
 Post Office Box 7706 / Wichita, Kansas 67277  
 Telefax: 316-517-8500 / Phone: 316-517-6291

# CESCOM

## Maintenance Transaction Report



This Maintenance Transaction Report Is To Be Solely For (Check One)

Airframe Entries     
  Eng. # 1     
  Eng. #2     
  APU

Serial No.      
 Serial No.      
 Serial No.

### Aircraft Identification and Status

A/C Serial No.	A/C Unit No.	A/C Registration	Date (Mo.-Day-Yr.)	City Identifier	Total A/C Hours	Total A/C Landings	Total Engine Hours	Total Engine Cycles	APU Hours	APU Events
5550-0004	0004	NN178DA	1/20/13	SLC	6074.3	7580	#1 <input type="text"/> #2 <input type="text"/>	#1 <input type="text"/> #2 <input type="text"/>	<input type="text"/>	<input type="text"/>

### Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Cescom Item Code	Transaction No.	Transaction Type	Item Name	Position	Installed Vendor Part Number	Mod Level	Installed Serial Number	Removal Reason	Installed Part Status	TBO (Enter # Change Desired)	TSO Installed Part	Material Costs	Man Hours
	1												
	2												
	3												
	4												
	5												
	6												
	7												
	8												

<b>Type Transaction</b> 1. Component Change 2. Inspection Accomplished 3. Service Bulletin Accomplished 4. Airworthiness Directive Accomplished	<b>Detail Method Of Compliance</b> Under Comments Below	<b>W - Worn To Limits</b> S - Scheduled U - Unscheduled C - Convenience N - Other (note below)	<b>Enter One</b>	<b>Installed Part Status</b> N - New R - Repaired S - Serviceable O - Overhauled
---	--	--	------------------	--

### This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

Ref No	1 Manual centered sync trimmer and sync actuator, adjusted rigging on both engine throttle controls at the FCU input.  All work accomplished with reference to Citation Maintenance Manual S55DVD12-54 revision 17 dated 8/1/2012, PWC JT15D-4B Maintenance Manual pn 3017542 revision 40 dated 2/18/2011, and other data and methods acceptable to the administrator.  This certifies that the work requested by the customer and described on the sales order listed below was accomplished and inspected with reference to instructions for continued airworthiness, other data acceptable to the FAA and current FAA regulations, and with respect to the work performed, is approved for return to service. Pertinent details of this repair are on file at this FAA Certificated Repair Station.
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<b>Repair Facility:</b> Dallas Airmotive	<b>Certified Repair Station Number:</b> YRRR491L	<b>Work Order No.</b> FS29915	<b>Maintenance Log Section</b>	<b>Maintenance Log Page</b>
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<b>Work Performed By:</b> Scott Johnson	<b>Certificate No.</b> YRRR491L	<b>Date</b> 01/20/13	<b>Scheduled Removal Due (TAT)</b>
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I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration


<b>Work Inspected By:</b> <i>Scott Johnson</i>	<b>Certificate No.</b> YRRR491L	<b>Date</b> 1/20/13
--	---------------------------------	---------------------

Permanent Aircraft Record - File In Maintenance Log






1. Approving National Aviation Authority/Country FAA/United States	2. <h1 style="text-align: center;">AUTHORIZED RELEASE CERTIFICATE</h1> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: OH54733
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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: OH54733
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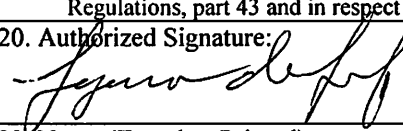
6. Item	7. Description:	8. Part Number	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Oil Filter Tubes Coupling Assy	3017980	N/A	1 ea.	NSN	OVERHAULED

13. Remarks TT: 10345.4 TSO: 00.0 CSN: 11299 CSO: Zero

Overhauled with reference to Pratt & Whitney OHM 3017543, Revision No. 29, Dated Jul 13/2012 and other data and methods acceptable to the administrator.

Details on file at this Repair Station under work order/s referenced in block 3 & 5 Inspector: Paul Horlacher  Date: Jan 19, 2013

"Dallas Airmotive, Inc. certifies that the work specified in Block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: "EASA 145.4368"

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 checked="" 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.		
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No.: YRRR491L
17. Name (Typed or Printed):	18. Date:	22. Name (Typed or Printed): Lazaro dehean	23. Date: Jan 19, 2013

**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.

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 6801187830/10359397	
4. Organization Name and Address:		PRATT & WHITNEY ENGINE SERVICE INC 1525 MIDWAY PARK ROAD BRIDGEPORT, WEST VIRGINIA UNITED STATES, 26330 FAA ARS, No. LMIR301K				5. Sales Order/Contract/Invoice Number: 6232615	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
ONE	OIL PUMP HSG	3104268-01	N/A	0001	PWV04026CR	OVERHAULED	
13. Remarks: THE COMPONENT HEREON WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH P&WC OVERHAUL MANUAL P/N 3017543, REV. 29, REV. DATE 07/13/2012, AND/OR ENGINEERING DOCUMENTATION ACCEPTABLE TO THE ADMINISTRATOR. PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE SALES ORDER.  Customer P.O. #SA26026  TTSN N/A TCSN N/A TTSO N/A TCSO N/A Last Engine Serial No. 70596							
"Pratt & Whitney Engine Service Inc. certifies that the work specified in block 12 and 13 was performed in accordance with EASA Implementation Rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA Approval Number EASA 145.4757."							
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 checked="" 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.				
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: LM1R301K	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Scott Minigh, Authorized Inspector		23. Date (m/d/y): October 25, 2012	
<b>User/Installer Responsibilities</b>							
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.							




1. Approving Authority: National Aviation Authority/Country FAA/United States	2. <h1 style="text-align: center;">AUTHORIZED RELEASE CERTIFICATE</h1> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: PP23762-1419941
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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: PP23762-1419949
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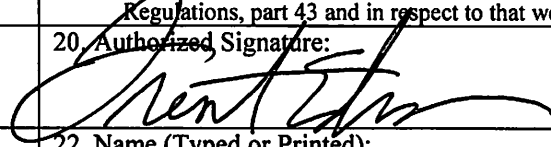
6. Item	7. Description:	8. Part Number	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
ONE	HOUSING-GEARBOX	3023480	N/A	-01-	024006	REPAIRED

13. Remarks TT: N/A TSO: -0- CSN: N/A CSO: -0-

DISASSEMBLE, CLEANED, INSPECTED, AND RE-ASSEMBLE WITH REFERENCE TO P & WC JT15D OHM 3017543 REVISION.29 DATED JUL 13/2012 AND OTHER DATA AND METHODS ACCEPTABLE TO THE ADMINISTRATOR.

Details on file at this Repair Station under work order/s referenced in block 3 & 5 Inspector: J.MCGEE  Date: Jan 17, 2013

"Dallas Airmotive, Inc. certifies that the work specified in Block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: "EASA 145.4368"

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 checked="" 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.	
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No.: YRRR491L
17. Name (Typed or Printed):	18. Date:	22. Name (Typed or Printed): TRENT EDMONDSON	23. Date: Jan 17, 2013

**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.

09/28/12

## CUSTOMS INVOICE/PACKING SHEET



3396842 00

Cust#: 31621

SOLD TO: DALLAS AIRMOTIVE  
BBA SHARED SERVICES AP  
201 S. ORANGE AVE SUITE 1400

ORLANDO, FL 32801 US

VAT#

SHIPPER: KAPCO  
3120 E. ENTERPRISE  
BREA, CA 92821SHIP TO: DALLAS AIRMOTIVE  
6111 MAPLE AVE

DALLAS, TX 75235 US

Prof. Routing FEDEX 2DAY

UPC VENDOR	INVOICE NO.	DOCK
000000	3396842-00	
PROMISED	REQUEST	SHIPPED
09/28/12	09/28/12	09/28/12
CUSTOMER P.O.		

FORWARD TO:

P.O. NUMBER	ITEM NO.	PART NUMBER	ICN No.	QTY	UOM	UNIT PRICE	TOTAL VALUE	COUNTRY OF ORIGIN	QUANTITY ORDERED	QUANTITY B.O.	QUANTITY SHIPPED
BS-12703	PCAT: S		295482	200.00		Cure: 2Q2012		US			
	MFR- Name: INTERNATIONAL SEAL - FNGP Revision: " MFR- Batch: MDBV2 S/L: UNLTD ARP5316 INSP BY: B. Palacios 09/28/2012										
	13 AS3209-153			100.00	EA	0.74	74.00		100.00	0.00	100.00
	Desc: PACKING "NC" PCAT: S		306004-02	100.00		Cure: 3Q2012		US			
	MFR- Name: INTERNATIONAL SEAL - FNGP Revision: " MFR- Batch: MFAV2 S/L: UNLTD ARP5316 INSP BY: B. Palacios 09/28/2012										

LIST SEQ: #11886375\*  
 TEM: AS3209-153  
 LOT: BS-12703-13  
 IECD: 10/10/12  
 COND: FN  
 PL: 31  
 BIN: SL10F18

The merchandise listed has been produced in accordance with Fair Labor Standards Act of 1938 as amended. No claims allowed unless made within ten (10) days after receipts of Goods and in no case shall the liability assumed by us under the guarantees either expressed or implied, exceed the face value of the invoice for the merchandise in question.

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. Law is prohibited.

SHIPPED UNDER NLR HS#8803.30.0010 - ECCN: 9A991.D

FOR CUSTOMS PURPOSES ONLY. DO NOT PAY FROM THIS DOCUMENT.



TOTAL BOX VALUE:

PAGE 8

## CERTIFICATE OF CONFORMANCE

WE HEREBY CERTIFY THAT THE PRODUCT SUPPLIED IS NEWLY MANUFACTURED, CONFORMS TO THE APPROVED DESIGN DATA, AND MEETS ALL REQUIREMENTS OF THE APPLICABLE PURCHASE ORDER. EVIDENCE OF CONFORMANCE IS ON FILE AND AVAILABLE FOR REVIEW UPON REQUEST.

PETE CURTI  
 CORPORATE VICE PRESIDENT OF QUALITY

Thank You For This Order  
 PACKING LIST



12/07/12

**CUSTOMS INVOICE/PACKING SHEET**



3445570 00

Cust#: 31621

SOLD TO: DALLAS AIRMOTIVE  
BBA SHARED SERVICES AP  
201 S. ORANGE AVE SUITE 1400

ORLANDO, FL 32801 US

VAT#

SHIPPER: KAPCO  
3120 E. ENTERPRISE  
BREA, CA 92821

SHIP TO: DALLAS AIRMOTIVE  
6111 MAPLE AVE

DALLAS, TX 75235 US

Prof. Routing FEDEX 2DAY

UPC VENDOR	INVOICE NO.	ON DOCK
000000	3445570-00	
PROMISED	REQUEST	SHIPPED
12/07/12	12/07/12	
CUSTOMER P.O.		

FORWARD TO:

P.O. NUMBER	ITEM NO.	PART NUMBER	ICN No.	QTY	UOM	UNIT PRICE	TOTAL VALUE	COUNTRY OF ORIGIN	QUANTITY ORDERED	QUANTITY B.O.	QUANTITY SHIPPED
	S/L: UNLTD ARP5316 INSP BY: B. Palacios 12/07/2012			400.00	EA	0.11	44.00		400.00	0.00	400.00
HIST SEQ:  COND: FN *12676414* ITEM: AS3209-116 PL: 31 LOT: BS-12946-7 BIN: SL10H15 RECD: 12/12/12											
			4 -NGP	400.00		Cure: 4Q2012		US			
BS-12946	9	AS3209-020		200.00	EA	0.12	24.00		200.00	0.00	200.00
	Revision: " MFR- Batch: MHCV46 S/L: UNLTD ARP5316 INSP BY: B. Palacios 12/07/2012			200.00		Cure: 4Q2011		US			
	Desc: PACKING "NC" PCAT: S		293636-03	200.00							

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TOTAL BOX VALUE:

PAGE 5

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*Pete Curti*

PETE CURTI  
CORPORATE VICE PRESIDENT OF QUALITY

Thank You For This Order  
PACKING LIST

12/07/12

CUSTOMS INVOICE/PACKING SHEET



3445570 00

Cust#: 31621

SOLD TO: DALLAS AIRMOTIVE  
BBA SHARED SERVICES AP  
201 S. ORANGE AVE SUITE 1400

ORLANDO, FL 32801 US

VAT#

SHIPPER: KAPCO  
3120 E. ENTERPRISE  
BREA, CA 92821

SHIP TO: DALLAS AIRMOTIVE  
6111 MAPLE AVE

DALLAS, TX 75235 US

Prof. Routing FEDEX 2DAY

UPC VENDOR	INVOICE NO.	ON DOCK
000000	3445570-00	
PROMISED	REQUEST	SHIPPED
12/07/12	12/07/12	
CUSTOMER P.O.		

FORWARD TO:

P.O. NUMBER	ITEM NO.	PART NUMBER	ICN No.	QTY	UOM	UNIT PRICE	TOTAL VALUE	COUNTRY OF ORIGIN	QUANTITY ORDERED	QUANTITY B.O.	QUANTITY SHIPPED	
BS-12946	6	AS3209-011		400.00	EA	0.08	32.00	US	400.00	0.00	400.00	
	Desc: PACKING "NC"											
HIST SEQ:  COND: FN *12676414* ITEM: AS3209-116 PL: 31 LOT: BS-12946-7 BIN: SL10H15 RECD: 12/12/12												
BS-12946	7	AS3209-116		200.00	EA	0.16	32.00	US	200.00	0.00	200.00	
	Desc: PACKING "NC"											
	PCAT: S		312422	200.00								Cure: 3Q2012
MFR- MFR-	Name: INTERNATIONAL SEAL - FNGP Batch: MECV46											

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TOTAL BOX VALUE:

PAGE 4

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SHIPPED UNDER NLR HS#8803.30.0010 - ECCN: 9A991.D

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*Pete Curti*

PETE CURTI  
CORPORATE VICE PRESIDENT OF QUALITY

Thank You For This Order  
PACKING LIST



09/05/12

**CUSTOMS INVOICE/PACKING SHEET**



3363477 00

SHIPPER: KAPCO  
3120 E. ENTERPRISE  
BREA, CA 92821

UPC VENDOR	INVOICE NO.	IN DOCK
000000	3363477-00	
PROMISED	REQUEST	SHIPPED
09/05/12	09/05/12	09/05/12
CUSTOMER P.O.		

SOLD TO: DALLAS AIRMOTIVE  
BBA SHARED SERVICES AP  
201 S. ORANGE AVE SUITE 1400

SHIP TO: DALLAS AIRMOTIVE  
6111 MAPLE AVE

FORWARD TO:

ORLANDO, FL 32801 US

DALLAS, TX 75235 US

VAT#

Prof. Routing FEDEX 2DAY

P.O. NUMBER	ITEM NO.	PART NUMBER	ICN No.	QTY	UOM	UNIT PRICE	TOTAL VALUE	COUNTRY OF ORIGIN	QUANTITY ORDERED	QUANTITY B.O.	QUANTITY SHIPPED
BS-12295	9	AS3209-114		200.00	EA						
MFR- Batch: MAAV46 S/L: UNLTD ARP5316 INSP BY: Heather N. Beas 09/05/2012 Desc: PACKING "NC" PCAT: S 305096 MFR- Name: INTERNACIONAL SEAL - FNGP MFR- Product: 62AS568-114 V75 MFR- Batch: MCAV46 S/L: UNLTD ARP5316 INSP BY: Heather N. Beas 09/05/2012											
BS-12295	10	AS3209-116		400.00	EA	0.16	64.00	US	400.00	0.00	400.00
Desc: PACKING "NC" PCAT: S Cure: 2Q2012 HIST SEQ:  COND: FN *11511422* ITEM: AS3209-114 PL: 31 LOT: BS-12295-B BIN: SL10H16 RECD: 09/08/12											

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SHIPPED UNDER NLR HS#8803.30.0010 - ECCN: 9A991.D

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TOTAL BOX VALUE:

PAGE 5

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*Pete Curti*

PETE CURTI  
CORPORATE VICE PRESIDENT OF QUALITY

Thank You For This Order  
PACKING LIST



# B/E Aerospace, Inc.

## CONSUMABLES MANAGEMENT

P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191  
 Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR  
 Remit Address: 88289 Expedite Way, Chicago, IL 60695-0001  
 www.beconsumables.com

SO:857RN8

INVOICE NUMBER

HJ15NP

PAGE 1

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172

SOLD TO:  
012437

DALLAS AIRMOTIVE INC  
 C/O BBA SHARED SERVICES A/P  
 SUITE 1400  
 201 S ORANGE AVE  
 ORLANDO, FL 32801

SHIP TO:

DALLAS AIRMOTIVE  
 6111 MAPLE AVE  
 DALLAS, TX 75235-6408

ORDER NO.		DATE	SHIP VIA	TERMS	SHIPPING TERMS			
BS-11935		07/11/12	FEDX STD ONITE COLL	NET 30	FOB-MIAMI			
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
	1000	MS9696-08 BOLT ECCN :9A991 MFR: CAL SCREW CTRL# : 2012C20865 LOT# : 323340 LOT QTY: 1000			EA	0	1000	
	150	MS9696-07 BOLT ECCN :9A991 MFR: ALCOA VAN PETTY CTRL# : 2011K17109 LOT# : 31448M LOT QTY: 74 MFR: BLANC AERO/LISI VILLEFRA CTRL# : 2005A03309 LOT# : 420678 LOT QTY: 76			EA	0	150	
	400	MS9245-23 PIN ECCN :9A991 MFR: HINDLEY MANUFACTURING CTRL# : 2012D19968 LOT# : 27388-001 LOT QTY: 400			EA	0	400	
	200	MS9549-09 WASHER ECCN :9A991 MFR: MOELLER MFG CTRL# : 2009A13000 LOT# : 923-10/24/08			EA	0	200	

\*\*\*CONTINUED\*\*\*

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY B/E AEROSPACE

WE HEREBY CERTIFY THAT ALL PROVISIONS OF THE FAIR LABOR STANDARDS ACT ON JUNE 25, 1983, AS AMENDED, HAVE BEEN FULLY COMPLIED WITH IN THE MANUFACTURE, PRODUCTION OR PURCHASE OF GOODS LISTED HEREON.

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE. ALL PAST DUE ACCOUNTS SHALL BEAR INTEREST AT THE RATE OF 1 1/4% MONTH (18% PER ANNUM).

### MATERIAL CERTIFICATION

B/E AEROSPACE, INC. ("B/E AEROSPACE") WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH ALL CURRENT GOVERNMENTAL REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. B/E AEROSPACE DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF B/E AEROSPACE IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT OF ANY ITEM WHICH IS REJECTED BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP. SUCH REPLACEMENT SHALL CONSTITUTE SATISFACTION OF ALL LIABILITY B/E AEROSPACE MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OTHERWISE, AND IN NO EVENT SHALL B/E AEROSPACE BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, B/E AEROSPACE MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

### PACKING SLIP

Vice President of Quality





# B/E Aerospace, Inc.

## CONSUMABLES MANAGEMENT

P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191  
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR  
www.beconsumables.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


### Material Certification

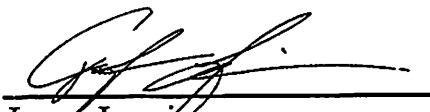
The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to B/E Aerospace, Inc.

**FIRM: DALLAS AIRMOTIVE INC**

**PURCHASE ORDER#: BS-11935**

QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	CURE DT	EXP DT
400	EA	MS9245-23		27388-001	HINDLEY MANUFACTURIN	73145		

HIST SEQ:  COND: FN  
\*10958459\*  
ITEM: MS9245-23 PL: 31  
LOT: BS-11935-3 BIN: BS10N11  
RECD: 07/13/12

  
\_\_\_\_\_  
Jason Lewis  
Vice President of Quality

07/11/12

09/28/12

**CUSTOMS INVOICE/PACKING SHEET**



3396842 00

Cust#: 31621

SOLD TO: DALLAS AIRMOTIVE  
BBA SHARED SERVICES AP  
201 S. ORANGE AVE SUITE 1400

ORLANDO, FL 32801 US

VAT#

SHIPPER: KAPCO  
3120 E. ENTERPRISE  
BREA, CA 92821

SHIP TO: DALLAS AIRMOTIVE  
6111 MAPLE AVE

DALLAS, TX 75235 US

Prof. Routing FEDEX 2DAY

UPC VENDOR	INVOICE NO.	UN DOCK
000000	3396842-00	
PROMISED	REQUEST	SHIPPED
09/28/12	09/28/12	09/28/12
CUSTOMER P.O.		

FORWARD TO:

P.O. NUMBER	ITEM NO.	PART NUMBER	ICN No.	QTY	UOM	UNIT PRICE	TOTAL VALUE	COUNTRY OF ORIGIN	QUANTITY ORDERED	QUANTITY B.O.	QUANTITY SHIPPED
BS-12703	5	AS3209-012	289531-03	64.00		Cure: 1Q2012		US			
			289522-06	36.00		Cure: 1Q2012		US			
			308385	300.00	EA	0.08	24.00	US	300.00	0.00	300.00

Desc: PACKING "NC"  
PCAT: S  
MFR- Name: INTERNATIONAL SEAL - FNG  
MFR-Product: 62AS568-168 V75  
MFR- Batch: MCCV2  
MFR- Name: INTERNATIONAL SEAL - FNG  
MFR-Product: 626as568-168 v75  
MFR- Batch: MCCV2  
S/L: UNLTD ARP5316  
INSP BY: B. Palacios 09/28/2012

LIST SEQ: \*11886374\*  
ITEM: AS3209-012  
LOT: BS-12703-5  
ECCD: 10/10/12  
COND: FN  
PL: 31  
BIN: SL10J11

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TOTAL BOX VALUE:

3

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SHIPPED UNDER NLR HS#8803.30.0010 - ECCN: 9A991.D

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*Pete Curti*

PETE CURTI  
CORPORATE VICE PRESIDENT OF QUALITY

Thank You For This Order  
PACKING LIST



09/12/12

# CUSTOMS INVOICE/PACKING SHEET



3377135 00

Cust#: 31621

SOLD TO: DALLAS AIRMOTIVE  
BBA SHARED SERVICES AP  
201 S. ORANGE AVE SUITE 1400

ORLANDO, FL 32801 US

SHIPPER: KAPCO  
3120 E. ENTERPRISE  
BREA, CA 92821

SHIP TO: DALLAS AIRMOTIVE  
6111 MAPLE AVE

DALLAS, TX 75235 US

Pref. Routing FEDEX 2DAY

VAT#

UPC VENDOR	INVOICE NO.	DOCK
000000	3377135-00	
PROMISED	REQUEST	SHIPPED
09/12/12	09/12/12	09/12/12
CUSTOMER P.O.		

FORWARD TO:

P.O. NUMBER	ITEM NO.	PART NUMBER	ICN No.	QTY	UOM	UNIT PRICE	TOTAL VALUE	COUNTRY OF ORIGIN	QUANTITY ORDERED	QUANTITY B.O.	QUANTITY SHIPPED
BS-12477			305096	300.00		Cure: 2Q2012		US			
		MFR- Name: INTERNATIONAL SEAL - FNGP MFR-Product: 62AS568-114 V75 MFR- Batch: MCAV46 S/L: UNLTD ARP5316 INSP BY: B. Palacios 09/12/2012									
	8	AS3209-120		100.00	EA	0.19	19.00		100.00	0.00	100.00
		Desc: PACKING "NC" PCAT: S									
BS-12477			295265-02	100.00		Cure: 1Q2012		US			
		MFR- Name: INTERNATIONAL SEAL - FNG MFR-Product: 62AS568-120 V75 MFR- Batch: MCEV2 S/L: UNLTD ARP5316 INSP BY: B. Palacios 09/12/2012									
	9	AS3209-113		100.00	EA	0.14	14.00		100.00	0.00	100.00

HIST SEQ: COND: FN

ITEM: AS3209-120 PL: 31  
LOT: BS-12477-8 BIN: SL10H14  
RECD: 09/14/12

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*Pete Curti*

PETE CURTI  
CORPORATE VICE PRESIDENT OF QUALITY

Thank You For This Order  
PACKING LIST

07/05/12

## CUSTOMS INVOICE/PACKING SHEET



3292016 00

Cust#: 31621

SOLD TO: DALLAS AIRMOTIVE  
BBA SHARED SERVICES AP  
201 S. ORANGE AVE SUITE 1400

ORLANDO, FL 32801 US

VAT#

SHIPPER: KAPCO  
3120 E. ENTERPRISE  
BREA, CA 92821SHIP TO: DALLAS AIRMOTIVE  
6111 MAPLE AVE

DALLAS, TX 75235 US

Prof. Routing FEDEX 2DAY

UPC VENDOR	INVOICE NO.	ON DOCK
000000	3292016-00	
PROMISED	REQUEST	SHIPPED
07/05/12	07/05/12	07/05/12
CUSTOMER P.O.		

FORWARD TO:

P.O. NUMBER	ITEM NO.	PART NUMBER	ICN No.	QTY	UOM	UNIT PRICE	TOTAL VALUE	COUNTRY OF ORIGIN	QUANTITY ORDERED	QUANTITY B.O.	QUANTITY SHIPPED
BS-11798		Name: INTERNATIONAL SEAL - FNGP Revision: " MFR- Batch: MCEV2 S/L: UNLTD ARP5316 INSP BY: Heather N. Barker 07/05/2012									
	10	AS3209-159		100.00	EA	0.99	99.00		100.00	0.00	100.00
		Desc: PACKING "NC" PCAT: S									
		MFR- Name: INTERNATIONAL SEAL - FNGP MFR- Batch: MCCV2	292408	50.00		Cure: 2Q2012		US			
	MFR- Name: INTERNATIONAL SEAL - FNG MFR- Product: 62AS568-159 V75 MFR- Batch: MCCV2 S/L: UNLTD ARP5316 INSP BY: Heather N. Barker 07/05/2012	301048-02	50.00		Cure: 2Q2012		US				

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TOTAL BOX VALUE:

PAGE 6

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PETE CURTI  
CORPORATE VICE PRESIDENT OF QUALITY

Thank You For This Order  
PACKING LIST



07/05/12

**CUSTOMS INVOICE/PACKING SHEET**

UPC VENDOR	INVOICE NO.	IN DOCK
000000	3292016-00	
PROMISED	REQUEST	SHIPPED
07/05/12	07/05/12	07/05/12
CUSTOMER P.O.		



SHIPPER: KAPCO  
3120 E. ENTERPRISE  
BREA, CA 92821

3292016 00

Cust#: 31621

SOLD TO: DALLAS AIRMOTIVE  
BBA SHARED SERVICES AP  
201 S. ORANGE AVE SUITE 1400

SHIP TO: DALLAS AIRMOTIVE  
6111 MAPLE AVE

FORWARD TO:

ORLANDO, FL 32801 US

DALLAS, TX 75235 US

VAT#

Prof. Routing FEDEX 2DAY

P.O. NUMBER	ITEM NO.	PART NUMBER	ICN No.	QTY	UOM	UNIT PRICE	TOTAL VALUE	COUNTRY OF ORIGIN	QUANTITY ORDERED	QUANTITY B.O.	QUANTITY SHIPPED
BS-11798	8	AS3209-116		300.00	EA	0.16	48.00		300.00	0.00	300.00
BS-11798	9	AS3209-120		200.00	EA	0.19	38.00		200.00	0.00	200.00

MFR- Batch: MCAV46  
S/L: UNLTD ARP5316  
INSP BY: Heather N. Barker 07/05/2012

Desc: PACKING "NC"  
PCAT: S

292406-02  
MFR- Name: INTERNATIONAL SEAL - FNGP  
MFR- Batch: KJAV46  
S/L: UNLTD ARP5316  
INSP BY: Heather N. Barker 07/05/2012

Desc: PACKING "NC"  
PCAT: S

293390-02

HIST SEQ: COND: FN

ITEM: AS3209-120 PL: 31  
LOT: BS-11798-9 BIN: SL10H14  
RECD: 07/12/12

TOTAL BOX:

PAGE 5

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*Pete Curti*

PETE CURTI  
CORPORATE VICE PRESIDENT OF QUALITY

Thank You For This Order  
PACKING LIST

DOCUMENT OFFICIEL - OFFICIAL RECORD

1. Autorité de l'aviation civile/Pays qui approuve le bon de sortie Approving Civil Aviation Authority/Country  <b>Transport Canada</b>		2. BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE  <b>FORM ONE</b>			3. Numéro de suivi du formulaire - Form Tracking No.  81848632 - 000002 1815847	
4. Nom et adresse de l'organisme - Organization Name and Address  <b>Pratt &amp; Whitney Canada</b> Une société de United Technologies / A United Technologies Company		Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411			5. Bon de travail/Contrat/Facture - Work Order/Contract/Invoice  2411243 1769407	
6. Article - Item  000001	7. Description  GASKET-1.562,4 HOLE	8. Numéro de pièce - Part No.  ST3272-01	9. Qtée. - Qty.  314 EA	10. Numéro de série/de lot - Serial/Batch No.  N/A	11. Situation/Travail - Status/Work  NEW	
12. Remarques - Remarks  Note: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à la fabrication et ne doivent pas être inscrits sur le présent certificat. Note: Any serial numbers that may be present on labels or parts are for manufacturing purposes and need not be referenced on this certificate.  <div style="text-align: right;">                 HIST SEQ:  COND: FN                  *11874431*                  ITEM: ST3272-01 PL: 31                  LOT: BS-12743-13 BIN: BS11C17                  RECD: 10/10/12             </div> Le cas échéant, la durée de stockage est précisée sur l'emballage de l'article - When applicable, shelf life is indicated on the item packaging. "Le numéro de pièce identifié sur la pièce peut inclure un suffixe alphabétique. Ce suffixe alphabétique dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat." "The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."						
13a. Le présent bon de sortie certifie que les articles indiqués ci-dessus ont été construits conformément à : Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité approved design data and are in condition for safe operation.  <input type="checkbox"/> des données de conception non approuvées indiquées à la case 12. non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 (certification après maintenance) - CAR 571.10 Maintenance Release <input type="checkbox"/> Autre réglementation précisée à la case 12 - Other regulations specified in block 12. Le présent bon de sortie certifie que, sauf indication contraire à la case 12, le travail indiqué à la case 11 et décrit à la case 12, a été effectué conformément au Règlement de l'aviation canadien. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature   TC 488 NO. 131		13c. Numéro de l'organisme agréé Approved Organization Number  4 - 58		14b. Signature  S/O - N/A		14c. Numéro de l'organisme agréé Approved Organization Number  S/O - N/A
13d. Nom - Name  I. Drukker		13e. Date (dd/mmm/yyyy)  28/MAY/2012		14d. Nom - Name  S/O - N/A		14e. Date (dd/mmm/yyyy)  S/O - N/A

FORM ONE (2009-12) - P&WC 5720 (2009-12) \* Le monteur doit contre-vérifier l'admissibilité avec les données approuvées - \*Installer must cross-check eligibility with approved data

RESPONSABILITÉS DU MONTEUR - INSTALLER RESPONSIBILITIES

1. Le présent bon de sortie ne constitue pas une autorisation de montage. - 1. This certificate does not constitute authority to install.
2. Le monteur qui travaille conformément à la réglementation d'un pays autre que celui spécifié à la case 1 doit s'assurer que la réglementation en question reconnaît la certification du pays ainsi spécifié. - 2. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from country specified.
3. Les déclarations des cases 13a et 14a ne constituent pas une certification du montage. Dans tous les cas, le dossier technique de l'aéronef doit inclure une certification de montage délivrée conformément à la réglementation nationale qui s'applique, avant que l'aéronef puisse voler. - 3. Statements in block 13a and 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

P&WC JR3-0054-E (2009-12)

AVIALL - TRUE CERTIFIED COPY - 10/09/2012 - 23219 - AVU612724768



AVIATION RELEASE CERTIFICATE COPY 06/31/2011 2:42:74 AM 061036655

Autorité de l'aviation / Pays qui approuve le bon de sortie Approving Civil Aviation Authority/Country  <h2 style="text-align: center;">Transport Canada</h2>		<b>2. BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE</b>  <h1 style="font-size: 2em;">FORM ONE</h1>			3. Numéro de suivi du formulaire - Form Tracking No.  81512097 - 000045 1492621	
4. Nom et adresse de l'organisme - Organization Name and Address  <b>Pratt &amp; Whitney Canada</b> <small>Une société de United Technologies / A United Technologies Company</small>		Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411			5. Bon de travail/Contrat/Facture - Work Order/Contract/Invoice  2323861 1236057	
6. Article - Item	7. Description	8. Numéro de pièce - Part No.	9. Qtée. - Qty.	10. Numéro de série/de lot - Serial/Batch No.	11. Situation/Travail - Status/Work	
000001	GASKET-1.120,4 HOLE	3039931	144 EA	N/A	NEW	

12. Remarques - Remarks

**Note: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à la fabrication et ne doivent pas être inscrits sur le présent certificat.**  
**Note: Any serial numbers that may be present on labels or parts are for manufacturing purposes and need not be referenced on this certificate.**

HIST SEQ: COND: FN

ITEM: 3039931      \*7400471\*      PL: 31

LOT: DD-114059-B      BIN: BS11112

RECD: 06/11/11

Le cas échéant, la durée de stockage est précisée sur l'emballage de l'article - When applicable, shelf life is indicated on the item packaging.

"Le numéro de pièce identifié sur la pièce peut inclure un suffixe alphabétique. Ce suffixe alphabétique dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat."

"The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."

3a. Le présent bon de sortie certifie que les articles indiqués ci-dessus ont été construits conformément à : Certifies that the items identified above were manufactured in conformity to : <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité approved design data and are in condition for safe operation.</li> <li><input type="checkbox"/> des données de conception non approuvées indiquées à la case 12. non approved design data specified in block 12.</li> </ul>	14a. <input type="checkbox"/> RAC 571.10 (certification après maintenance) - CAR 571.10 Maintenance Release <input type="checkbox"/> Autre réglementation précisée à la case 12 - Other regulations specified in block 12. Le présent bon de sortie certifie que, sauf indication contraire à la case 12, le travail indiqué à la case 11 et décrit à la case 12, a été effectué conformément au Règlement de l'aviation canadien. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations.
13b. Signature 	13c. Numéro de l'organisme agréé - Approved Organization Number <p style="text-align: center;">4 - 58</p>
13d. Nom - Name <p style="text-align: center;"><b>H. Moore</b></p>	13e. Date (dd/mmm/yyyy) <p style="text-align: center;">30/MAY/2010</p>
14b. Signature <p style="text-align: center;">S/O - N/A</p>	14c. Numéro de l'organisme agréé Approved Organization Number <p style="text-align: center;">S/O - N/A</p>
14d. Nom - Name <p style="text-align: center;">S/O - N/A</p>	14e. Date (dd/mmm/yyyy) <p style="text-align: center;">S/O - N/A</p>

FORM ONE (2009-12) - P&WC 5720 (2009-12) \* Le monteur doit contre-vérifier l'admissibilité avec les données approuvées - \*Installer must cross-check eligibility with approved data

**RESPONSABILITÉS DU MONTEUR - INSTALLER RESPONSIBILITIES**

1. Le présent bon de sortie ne constitue pas une autorisation de montage. - 1. This certificate does not constitute authority to install.
2. Le monteur qui travaille conformément à la réglementation d'un pays autre que celui spécifié à la case 1 doit s'assurer que la réglementation en question reconnaît la certification du pays ainsi spécifié. - 2. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from country specified.
3. Les déclarations des cases 13a et 14a ne constituent pas une certification du montage. Dans tous les cas, le dossier technique de l'aéronef doit inclure une certification de montage délivrée conformément à la réglementation nationale qui s'applique, avant que l'aéronef puisse voler. - 3. Statements in block 13a and 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

P&WC JR3-0054-E (2009-12)



# B/E Aerospace, Inc.

## CONSUMABLES MANAGEMENT

P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191  
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR  
www.beconsumables.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172

### Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to B/E Aerospace, Inc.

**FIRM: DALLAS AIRMOTIVE INC**

**PURCHASE ORDER#: BS-12236**

QUANTITY U/M PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE CURE DT	EXP DT
1000 EA MS9276-09		W7034	ANILLO INDUSTRIES	10630	


HIST SEQ: COND: FN  
\*11350461\*  
ITEM: MS9276-09 PL: 31  
LOT: BS-12236-2 BIN: BS10N11  
RECD: 08/22/12

\_\_\_\_\_  
Jason Lewis  
Vice President of Quality

08/20/12




1. Autorité de l'aviation / Le pays d'approbation / pays Approving national aviation authority/ country  <b>Transport Canada</b>	2. BON DE SORTIE AUTORISÉE / AUTHORIZED RELEASE CERTIFICATE  <b>TCCA 24-0078</b>	3. Numéro de suivi du formulaire - Form/ Tracking No.  81371276 - 000056 1368531
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4. Nom et adresse de l'organisme agréé - Approved Organization Name and Address   <b>Pratt &amp; Whitney Canada</b> Une société de United Technologies / A United Technologies Company	Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 1000 boul. Marie-Victorin Longueuil, Québec Canada J4G 1A1 (450) 677-9411	5. Bon de travail/contrat/facture - Work Order/Contract/Invoice  2291777 1074836
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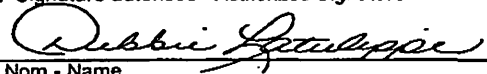
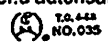
6. Article - Item	7. Description	8. N° de la pièce - Part No.	9. Admissibilité - Eligibility *	10. Qté - Qty	11. N° de série/de lot - Serial/Batch No.	12. État / Travail - Status / Work
000001	GASKET 4 HOLES	ST3230-01	VARIOUS	4,103 EA	N/A	MANUFACTURED

13. Remarques - Remarks

Note: Les numéros de série figurant sur les étiquettes ou sur les pièces servent à la fabrication et ne doivent pas être inscrits sur le présent certificat.  
 Note: Any serial numbers that may be present on labels or parts are for manufacturing purposes and need not be referenced on this certificate.

HIST SEQ:  COND: FN  
 \*11595407\*  
 ITEM: ST3230-01 PL: 31  
 LOT: BS-12526-10 BIN: BS11B10  
 RECD: 09/17/12

Le cas échéant, la durée de stockage est précisée sur l'emballage de l'article - When applicable, shelf life is indicated on the item packaging.  
 "Le numéro de pièce identifié sur la pièce peut inclure un suffixe alphabétique. Ce suffixe alphabétique dénote le niveau de révision de la pièce. Tous les niveaux de révision pour une pièce donnée sont parfaitement interchangeables. Le niveau de révision d'une pièce n'est pas requis pour ce certificat."  
 "The part number marked on a part may include an alpha suffix. This alpha suffix denotes the part's revision level. All revision levels for a given part number are fully interchangeable. The part's revision level is not required for this certification."

14. Le présent bon certifie que les articles indiqués ci-dessus ont été construits conformément à : Certifies that the items identified above were manufactured in conformity to :  <input checked="" type="checkbox"/> Des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité Approved design data and are in condition for safe operation.  <input type="checkbox"/> Des données de conception non approuvées indiquées à la case 13. Non approved design data specified in block 13.	<del>           19. <input type="checkbox"/> Certification après maintenance en vertu du RAC 571.10 - CAR 571.10 Maintenance Release  <input type="checkbox"/> Autre réglementation précisée à la case 13 - Other regulations specified in block 13.             Le présent bon certifie que, à moins d'indication contraire apparaissant à la case 13, le travail indiqué à la case 12 est décrit à la case 13 à été effectué conformément au RAC 571.            Certifies that, except where otherwise specified in block 13, the work identified in block 12 and described in block 13 was performed in accordance with CAR 571.         </del>		
15. Signature autorisée - Authorized Signature 	16. Ref.d'autorisation - Authorisation Ref. No.  T.O. 444 NO. 035 4 - 58	<del>20. Signature autorisée - Authorized Signature</del>	<del>21. Ref.d'autorisation - Authorisation Ref. No.</del>
17. Nom - Name  <b>D. Latulippe</b>	18. Date (JJ/MM/AAAA - DD/MM/YYYY)  22/JUL/2009	<del>22. Nom - Name</del>	<del>23. Date (JJ/MM/AAAA - DD/MM/YYYY)</del>

24-0078 (12-09-2001) - P&WC 5720 (2005-03) \* Le monteur doit contre-vérifier l'admissibilité avec les données approuvées - \*Installer must cross-check eligibility with approved data

1. Le présent document n'autorise aucunement le montage de la pièce.  
 1. This document does not constitute authority to install the part.

2. Si le moteur se base sur la réglementation nationale d'une autorité de navigabilité autre que celle indiquée à la case 1, il doit s'assurer que l'autorité de navigabilité dont il relève accepte les produits ou les travaux de maintenance de l'autorité de navigabilité indiquée à la case 1.  
 2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1.

3. Les énoncés des cases 14 et 19 ne constituent en aucune façon une certification du montage. Dans tous les cas, le dossier technique de l'aéronef doit renfermer une certification de montage délivrée conformément à la réglementation de l'État d'immatriculation, et ce, avant que tout vol puisse avoir lieu.  
 3. Statements 14 and 19 do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification, issued in accordance with the national regulation of the state of registry, before the aircraft may be flown.

AVIAI - TRUFL CERTIFIED COPY - 09/17/12 717 - 73897 - AVIATION



CAMP Systems International  
 8200 E. 34th St. Bldg.1600, Suite 1607  
 Wichita, KS 67226  
 Phone: 316-462-2267 Fax: 316-462-0791

### Maintenance Transaction Report

This Maintenance Transaction Report Is To Be Solely For (Check One)

Airframe Entries  
 Eng. # 1  
 Eng. # 2  
 APU  
 Serial No.  Serial No.  Serial No.

#### Aircraft Identification and Status

A/C Serial No.	A/C Unit No.	A/C Registration	Date (Mo.-Day-Yr.)	City Identifier	Total A/C Hours	Total A/C Landings	Total Engine Hours	Total Engine Cycles	APU Hours	APU Events
S550-0004	0004	N178DA	9/12/2012	SUS	6946.9	7570	#1 <input type="text"/> #2 6827.5	#1 <input type="text"/> #2 7297	<input type="text"/>	<input type="text"/>

#### Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Cescom Item Code	Transaction		Item Name	Position	Installed Vendor Part Number	Mod Level	Installed Serial Number	Removal Reason	Installed Part Status	TBO (Enter # Change Desired)	TSO Installed Part	Material Costs	Man Hours
	No.	Type											
	1	1	Engine	#2	JT15D-4B		PCE102056	S	O		0.0		
	2												
	3												
	4												
	5												
	6												
	7												
	8												

**Type Transaction**  
 1. Component Change  
 2. Inspection Accomplished  
 3. Service Bulletin Accomplished  
 4. Airworthiness Directive Accomplished

**Detail Method Of Compliance**  
 Under Comments Below

**W - Worn To Limits**  
 S - Scheduled  
 U - Unscheduled  
 C - Convenience  
 N - Other(note below)

**Enter One**  
 Installed Part Status  
 N - New  
 R - Repaired  
 S - Serviceable  
 O - Overhauled

#### This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

1	Installed this OVERHAULED engine (S/N PCE102056) in the #2 position on N178DA in reference to Cessna Model 550/SII Maintenance Manual Chapter 71-01-02. Serviced the engine with BP2380 oil. Adjusted the engine controls in reference to Cessna 550/SII MM Chapter 76-11-00. Performed an engine ground run in reference to MM Chapter 71-01-02. Engine performance was satisfactory, no leaks or defects noted.
2	
3	
4	
5	
6	
7	

Work Order No.

Maintenance Log Section

Maintenance Log Page

Work Performed By:  Certificate No.  Date  Scheduled Removal Due (TAT)

I certify that the above stated maintenance and/or inspections was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service

**Permanent Aircraft Record - File In Maintenance Log**

Work Inspected By:  Certificate No.  Date





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

<b>JT15D-4B</b>	<b>Engine S/N:</b> PCE102056	<b>T.S.N.:</b> 6827.5	<b>C.S.N.:</b> 7297	<b>T.S.O.:</b> 00.0	<b>C.S.O.:</b> 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. <b>Turbine Vane Ring Areas: H.T.:</b> 38.31 <b>L.T.:</b> 39.15					
<b>Airworthiness Directive Status: Accomplished:</b> AD 93-18-08 Amendment 39-8693 Dated November 24, 1993. AD 87-10-01 Amendment 39-5959 Dated July 15, 1988. <b>Previously Accomplished:</b> AD 91-15-02 Amendment 39-7065 Dated August 22, 1991.					
<b>Pratt &amp; Whitney Service Bulletins Accomplished:</b> 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	Build Spec	High Rotor (F)				High Rotor (R)				Low Rotor		
2500	98.0	S6	95.2	30.9	638	FE18	FE23	FF25	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

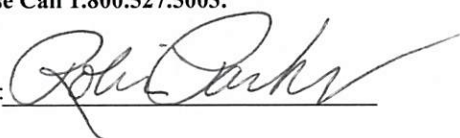
ACCESSORY INSTALLATION									
Name	Part Number	Serial Number	T.S.O.	Remarks	Name	Part Number	Serial Number	T.S.O.	Remarks
Anti-Ice Valve	KW15632	3410	00.0		Motive Flow Valve	2524995-1	A90444	00.0	
Exciter	9049770-3	97392347	00.0		Oil Cooler	3015303	1963	00.0	
Exciter	9049770-3	NN99481589	00.0		Oil 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: 



1. Approving National Aviation Authority/Country FAA/United States	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> 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.		
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: 	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.





# JT15D Series “Airtight” Warranty

## TO WHOM WE MAKE OUR WARRANTY

This warranty is extended to engines for aircraft based and operated in the United States and Canada and may only be enforced by the owner/operator/repair station customer that ordered Dallas Airmotive, Inc. (“DAI”) to perform the work or install the parts on the engine or accessory (hereinafter referred to as “Customer”). This warranty is transferable to another person or entity if all of the following are met: (1) that person or entity is based and operates solely within the United States and Canada; and (2) only with the written consent of DAI; and (3) if the request for transfer is made (i) within sixty (60) days after completion of the work by DAI, or (ii) within sixty (60) days of the transfer of title of the engine from the current warranty holder to the new engine owner, whichever is applicable at the time. Additional terms or conditions and limitations will apply to warranty transfers to persons or entities that are either based or operate outside the United States and Canada.

## WHAT WE WARRANT AND LENGTH OF WARRANTY

DAI warrants all overhaul work of engines and accessories performed by DAI, including all parts inspected, repaired or replaced during the work, will comply with (1) applicable published specifications of the manufacturer for the original configuration of the aircraft engine or engine accessory as modified by the DAI Build Specification in effect at the time that work commences (or with DAI specifications approved by the manufacturer or developed by DAI in accordance with authority from the Federal Aviation Administration (“FAA”)), and (2) with applicable published mandatory directives and regulations of the FAA in effect at the time that work commences.

To the extent work is required because of subsequent manufacturer’s service bulletins (“SB’s”) issued after commencement of work by DAI, such work is not covered by this warranty, and Customer shall be financially responsible for the full value of such work.

This warranty shall cover 100% of all parts inspected, repaired or replaced during the work, and labor for a period equal to the shorter of: (a) the period of the recommended manufacturer’s basic operating TBO, or (b) ten (10) years after completion of the work. Completion of the work is defined as the date on which the FAA 8130-3 certificate is executed by DAI.

## DETERMINATION OF WHETHER THE WARRANTY CLAIM IS VALID AND WHAT DAI WILL DO IF IT IS

Customer acknowledges and agrees that it is necessary for DAI to perform work and analysis to determine whether, in the first instance, an issue is covered by this warranty or not. By submitting an engine or accessory to DAI under a claim that it is covered by this warranty, Customer acknowledges and agrees (1) that DAI may conduct work and analysis to determine whether the issue with the engine or accessory is covered by this warranty; (2) that the decision of whether or not to conduct work and analysis to make such a determination, and what work and analysis needs to be done to make such a determination, are matters that are within the sole discretion of DAI; and (3) if DAI determines that the issue with the engine or accessory is not covered by this warranty, Customer agrees that it shall pay DAI all costs associated with conducting the foregoing work and/or analysis, including any regular shipping and insurance costs to return the item.

If DAI determines that an issue with an engine or accessory is covered by this warranty, DAI will repair the engine or accessory, including parts or portions of the engine or accessory that sustained damage as a direct result of work DAI failed to perform in accordance with the obligations set forth herein. The decision as to what repair is necessary and how to effect the repair is within the sole discretion of DAI. While DAI only warrants the parts inspected, repaired or replaced during the work, it may be necessary for DAI to replace Primary Parts in the event they sustain damage as a direct result of work DAI failed to perform in accordance with the obligations set forth herein. In connection with any such replacement of Primary Parts, DAI shall have the option, at DAI’s sole discretion, to replace Primary Parts with either new parts or with parts having at least the same life remaining as the part replaced. At DAI’s sole discretion, if any certain Primary Parts are replaced under this warranty with a new part or a part with more life remaining than the part replaced, Customer shall be financially responsible for the full difference in value between these parts. All warranty repairs shall be warranted per the terms of, and for the balance of, this warranty.

DAI may provide a lease engine to Customer pursuant to DAI’s standard lease terms, but is not required to do so, and any such lease is not covered by this warranty. Customer acknowledges and understands that (a) DAI maintains a limited number of lease engines, such that a lease engine may or may not be available to support the Customer during a particular warranty repair, and (b) to the extent DAI does make a lease engine available to the Customer, the Customer shall pay lease and operating charges in accordance with DAI’s then-current rates at the time of the warranty repair. If DAI determines that the issue is covered by this warranty, DAI shall pay the standard freight to return the repaired item to the Customer and shall either perform the removal and replacement of the warranted engine or accessory or reimburse Customer the reasonable costs of such.

In the event that the normal cost of any repair or replacement to be performed pursuant to this warranty would approach or exceed DAI’s normal overhaul costs, DAI reserves the right to overhaul the engine or accessory with the customer paying the direct operating cost as determined by the manufacturer’s published limited cost overhaul (LCO) or extended engine services policy (EESP) rates for each hour operated since the last overhaul (TSO). During a warranty repair DAI also reserves the right, in its sole discretion, to perform a Hot Section Inspection at the Customer’s sole expense if the engine is within 250 hours of its next scheduled Hot Section Inspection time as customarily recommended by the engine manufacturer for an engine of that type and model.

(Continued on next page)

Effective 04-01-2012

## **WHAT WORK CUSTOMER MUST HAVE DONE BY DALLAS AIRMOTIVE (CUSTOMER PAYMENT FOR MAINTENANCE)**

To keep this warranty in effect for the full time described above, (a) all unscheduled engine or accessory maintenance or repairs that are conducted after the completion date of the overhaul work on a covered engine or accessory must be performed at Customer's sole cost by (i) DAI or (ii) a third party with the specific advance written authorization of DAI, (b) the next scheduled Hot Section Inspection after the completion date of the overhaul work on a covered engine must be performed at the manufacturer's recommended interval based on basic TBO by DAI at Customer's sole cost, and (c) all warranty work covered by this warranty must be performed by DAI. A failure to comply with any of these conditions shall immediately terminate this warranty and all obligations of DAI hereunder.

Normal scheduled maintenance is the sole responsibility and cost of the Customer, is not covered by this warranty, and can be performed by any repair station, except for Hot Section Inspections which must be performed by DAI at the manufacturer's recommended interval based on basic TBO. This includes (1) normal scheduled maintenance as recommended by the original equipment manufacturer (and any associated repairs or parts replacements, including those required as a result of maintenance manual borescope inspections, determined by the repair station as necessary to achieve airworthiness), and (2) parts or service bulletin embodiment recommended by the manufacturer. If Customer chooses to have DAI perform normal scheduled maintenance, including while DAI is performing work that is covered by this warranty, Customer is financially responsible for the full value of all such maintenance work.

Normal scheduled maintenance (and any associated repairs); parts or service bulletin embodiment recommended by the manufacturer is at the Customer's sole expense. The Customer must pay DAI usual charges for any other work or parts ordered by the Customer, which are not covered by this warranty.

## **HOW TO MAKE A WARRANTY CLAIM**

All warranty claims must be made to DAI in writing immediately (but no longer than 48 hours) upon discovery of the condition, giving rise to the claim and within the applicable warranty period set forth above. DAI must be given a reasonable opportunity to promptly investigate warranty claims and the Customer shall and must cooperate in the investigation as DAI may request. DAI reserves the right to require the Customer to promptly send the engine or accessory to a designated DAI facility, at the Customer's expense, for disassembly, inspection and analysis in order to determine DAI's warranty responsibility, if any.

## **EXCLUSIONS AND LIMITATIONS**

This warranty shall immediately terminate and DAI shall be immediately released from all obligations under this warranty upon occurrence of any of the following:

1. The Customer fails to comply with the warranty procedures and requirements described above in the section entitled "How to Make a Warranty Claim."
2. The warranty claim pertains to the primary failure of a high-pressure turbine blade, P/N 3028601 or equivalent, and any resulting damage. The determination of what constitutes the primary failure is at the sole discretion of DAI
3. The Customer fails to comply with requirements to have (a) all unscheduled engine or accessory maintenance or repairs that are conducted after the completion date of the overhaul work on a covered engine or accessory performed at Customer's sole cost by (i) DAI or (ii) a third party with the specific advance written authorization of DAI, (b) the next scheduled Hot Section Inspection after the completion date of the overhaul work on a covered engine be performed by DAI at Customer's sole cost at its next scheduled Hot Section Inspection time as customarily recommended by the engine manufacturer for engine of this type and model, and (c) all warranty work covered by this warranty be performed by DAI.
4. After the work was performed by DAI, the engine or accessory: (1) was not preserved, stored, installed, operated or maintained in accordance with the instructions of the manufacturer; (2) was subjected to abuse, misuse or neglect; (3) was damaged by foreign object, electrical arcing, corrosion, erosion, or other factors not within the control of DAI; or (4) was altered or repaired by another maintenance facility other than DAI.
5. Customer fails to comply with all (a) manufacturer campaigns and (b) commercial support programs communicated by the manufacturer.
6. Customer fails to transfer this warranty in accordance with the authorization process as outlined in the first paragraph herein.
7. Customer fails to have Hot Section Inspections performed by DAI at the manufacturer's recommended interval based on basic TBO.

Customer understands and acknowledges that this warranty does not cover (a) accessories that were not subject to overhaul; (b) all electrical items; (c) Customer supplied parts and/or PMA parts; (d) conditions found during non-required maintenance activities, such as, but not limited to, pre-purchase inspections and borescopes; (e) work performed and products installed by persons or firms other than DAI; (f) normal scheduled maintenance recommended by the original equipment manufacturer and as described above; and (g) if parts that were installed by DAI are subsequently made the subject of reliability enhancements, design changes or SB's, the work necessary to comply with such enhancements, design changes or SB's.

**THIS WARRANTY IS GIVEN IN LIEU OF ANY OTHER WARRANTIES, GUARANTEES, OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SUCH WARRANTIES BEING ENTIRELY AND EXPRESSLY DISCLAIMED BY DAI.**

**THE REMEDIES AVAILABLE FOR WARRANTY CLAIMS DETERMINED TO BE VALID BY DAI SHALL BE EXCLUSIVELY LIMITED TO THE REPAIR OR REPLACEMENT OF THE ENGINE OR ACCESSORY AS DESCRIBED ABOVE. IN NO EVENT SHALL DAI BE LIABLE FOR SPECIAL, INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES, WHETHER BASED ON THEORIES OF CONTRACT OR TORT, INCLUDING, WITHOUT LIMITATION, LOSS OF REVENUES OR LOSS OF USE OF PROPERTY, EVEN IF DAI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.**

This warranty shall be governed by and interpreted in accordance with the laws of the State of Texas, USA without regard to any conflicts of laws provisions or rules and the Parties agree that suit may be brought for breach of this warranty only in the State or Federal courts in the Northern District of Texas, USA.

No agreement or understanding varying or extending the terms of this warranty shall be binding unless expressed in a separate writing devoted solely to a change in this warranty, and signed by Customer and a President or Vice-President of DAI.

Effective 03-01-2012





CAMP Systems International  
 8200 E. 34th St. Bldg.1600, Suite 1607  
 Wichita, KS 67226  
 Phone: 316-462-2267 Fax: 316-462-0791

### Maintenance Transaction Report

This Maintenance Transaction Report Is To Be Solely For (Check One)  
 Airframe Entries     Eng. # 1     Eng. # 2     APU  
 Serial No.     Serial No.     Serial No.

#### Aircraft Identification and Status

A/C Serial No.	A/C Unit No.	A/C Registration	Date (Mo.-Day-Yr.)	City Identifier	Total A/C Hours	Total A/C Landings	Total Engine Hours	Total Engine Cycles	APU Hours	APU Events
S550-0004	0004	N178DA	6/8/2012	SUS	6933.5	7563	#1 <input type="text"/> #2 6827.5	#1 <input type="text"/> #2 7297	<input type="text"/>	<input type="text"/>

#### Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Cescom Item Code	Transaction No.	Type	Item Name	Position	Installed Vendor Part Number	Mod Level	Installed Serial Number	Removal Reason	Installed Part Status	TBO (Enter # Change Desired)	TSO Installed Part	Material Costs	Man Hours
	1	1	Engine	#2	JT15D-4B			S					
	2												
	3												
	4												
	5												
	6												
	7												
	8												

**Type Transaction**  
 1. Component Change  
 2. Inspection Accomplished  
 3. Service Bulletin Accomplished  
 4. Airworthiness Directive Accomplished

**Detail Method Of Compliance**  
 Under Comments Below

**W - Worn To Limits**  
**S - Scheduled**  
**U - Unscheduled**  
**C - Convenience**  
**N - Other(note below)**

**Enter One**  
**Installed Part Status**  
 N - New  
 R - Repaired  
 S - Serviceable  
 O - Overhauled

#### Ref No This Space For Other Maintenance Comments Including, Test Or Calibration Dates, Removed Serial Numbers, Etc.

1	Removed this engine (S/N PCE-102056) from the #2 position from aircraft N178DA (S/N S550-0004) for overhaul in reference to Cessna Model 550/SII Maintenance Manual Chapter 71-01-02.
2	
3	
4	
5	
6	
7	
8	

Work Order No.	<input type="text" value="MS-12-01688"/>	Maintenance Log Section	<input type="text"/>	Maintenance Log Page	<input type="text"/>
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Work Performed By:	<input type="text" value="Midwest Aviation Center"/>	Certificate No.	<input type="text" value="CRS# M9TR576Y"/>	Date	<input type="text" value="06/08/12"/>	Scheduled Removal Due (TAT)	<input type="text"/>
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I certify that the above stated maintenance and/or inspections was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service

Work Inspected By: *Clay Keithley*    Certificate No.     Date

**Permanent Aircraft Record - File In Maintenance Log**

JT15D TIMES/CYCLES

Purchase Order # PO-12-07811

Date: 6/8/2012

A/C Reg. #: N178DA

A/C S/N: \$550-0004

A/C Total Times: 6933.5

A/C Total Landings: 7563

Engine Model: JT15D-4B

Engine S/N: PCE-102056

**Engine:**

Total Time 6827.5

Time Since Overhaul 3815.1

Total Cycles 7297

Cycles Since Overhaul 3572

**H.T. Disk:**

Part Number: 3023411

Serial Number: 75A714

Total Time 2093.4

Time Since Overhaul N/A

Total Cycles 1372

Cycles Since Overhaul N/A

H.T. Disk Trim Data (from data plate or log book)

**H.T. Blades:**

Part Number: 3029601

Total Time 2093.4

Time Since Overhaul N/A

Total Cycles 1372

Cycles Since Overhaul N/A

**L.T. DISK 2nd STAGE:**

Part Number: 3022212

Serial Number: 1P870

Total Time 6827.5

Time Since Overhaul 3815.1

Total Cycles 7297

Cycles Since Overhaul 3572

**L.T. DISK 3rd STAGE:**

Part Number: 3021213

Serial Number: 1P027

Total Time 6827.5

Time Since Overhaul 3815.1

Total Cycles 7297

Cycles Since Overhaul 3572

**L.C. DISK: (FAN)**

P/N 3018018

S/N 1P053

Total Time 6827.5

Time Since Overhaul 3815.1

Total Cycles 7297

Cycles Since Overhaul 3572

Ref: rotor comp. - service life SB)

Low Compressor Trim Data (from data plate or log book)

Engine Position:

R/H

L/H (please circle)

Completed

By:

Jeff Ryder  
signature

Jeff Ryder  
print

Title:

Chief Inspector