



COMPLEMENTARY COPY

Engine Preliminary Records Package

ENGINE MODEL: JT8D-219

ENGINE S/N: 717347
WORK ORDER: 217-469



ENGINE RELEASE DOCUMENTS

(__/__/2018)

“...Aircraft & Engines Sales, Engine Stands, Engine Disassembly,
Borescope Inspection Services, NDT Inspection Services, Engine Preservation,
Engine Parts, Engine Transport Services...”



U.S. Department
of Transportation
**Federal Aviation
Administration**

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

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

Electronic Tracking
Number

For FAA Use Only

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

1. Aircraft	Nationality and Registration Mark	Serial No.	
	Make	Model	Series

2. Owner	Name <i>(As shown on registration certificate)</i>	Address <i>(As shown on registration certificate)</i>	
		Address _____	
		City _____	State _____
		Zip _____	Country _____

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	_____	<i>(As described in item 1 above)</i>	_____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	POWERPLANT	Pratt & Whitney	JT8D-219	717347
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name <u>JET ENGINE TECHNOLOGY, CORP</u>		<input type="checkbox"/>	U.S. Certificated Mechanic	<input type="checkbox"/>	J9GR1140 Limited Powerplant, Airframe, & Accessories
Address <u>7001 N.W. 25th STREET</u>		<input type="checkbox"/>	Foreign Certificated Mechanic		
City <u>MIAMI</u> State <u>FLORIDA</u>		<input checked="" type="checkbox"/>	Certificated Repair Station		
Zip <u>33122</u> Country <u>UNITED STATES OF AMERICA</u>		<input type="checkbox"/>	Certificated Maintenance Organization		

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual DRAFT
--	---

7. Approval for return to Service

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

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

Certificate or Designation No. J9GR1140 Limited Powerplant, Airframe, & Accessories	Signature/Date of Authorized Individual DRAFT
---	---

NOTICE

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

8. Description of Work Accomplished

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

Work Order: 2017-469

Model: JT8D-219

Engine Serial Number: 717347

Nationality and Registration Mark

Date

E.T.T: 72,179:53

E.T.C: 38,086

Subject engine was received to comply with ASB 6435R1. The following is a summary of the work accomplished.

The **Fan Inlet Section** was disassembled, cleaned, inspected, repaired and assembled. Installed a continued time inspected Inlet Case Assembly. All remaining parts were also continued time inspected.

The **Low Compressor Section** was disassembled, cleaned, inspected, repaired and assembled, and balanced. Installed a continued time inspected C-1 through C-6 Disk/Blade Assemblies and continued time repaired LPC Stators with repaired knife edges & LPC Ducts with rubber strip replaced. All remaining parts were continued time inspected.

The **Intermediate Case** was disassembled, cleaned, inspected, repaired, pressure checked and assembled. Installed a continued time inspected Intermediate Case Assembly, overhauled Bleed Valves, continued time inspected N°2 and N°3 Carbon Seal Assemblies. All remaining parts were also continued time inspected.

The **High Compressor Section** was disassembled, cleaned, inspected, repaired, assembled, and balanced. Installed overhauled C-7 through C-13 Disk/Blade Assemblies, an overhauled HPC Rear Hub, continued time inspected HPC Stators, overhauled HPC Tierods, and overhauled HPC Tierods Nuts. All HPC Blades were installed with an 80/20% CAT OPT/MIN ratio mix. All remaining parts were continued time inspected.

The **Diffuser Section** was disassembled, cleaned, inspected, repaired and assembled. Installed continued time inspected Diffuser Case Assembly, a set of (9ea) bench checked Fuel Nozzles, an overhauled C-13 Stator, an overhauled 13th Stage Bleed Valve and a continued time inspected N°4 Bearing Carbon Seal Assembly. N° 4 Bearing Area is Post 5989R3. All remaining parts were also continued time inspected.

The **Combustion Section** was disassembled, cleaned, inspected, repaired and assembled. Installed continued time inspected Outer Combustion Case, an overhauled set of (9ea) CAT 2A Combustion Chambers an overhauled Combustion Chamber Outlet Duct Assembly, a continued time inspected T-1 Outer Air Seal, and a continued time inspected set of T-1 NGVs. All remaining parts were also continued time inspected.

The **High Pressure Turbine** was disassembled, cleaned, inspected, assembled, and balanced. Installed a continued time inspected T-1 Disk/Blade/Shaft Assembly and a continued time inspected N°5 Carbon Seal Assembly. N° 5 Bearing Area is Post A6196R3. All remaining parts were also installed in continued time inspected condition.

The **Low Pressure Turbine** was not disassembled, cleaned, continued time inspected and balanced. All other parts were also continued time inspected.

The **Exhaust Case Assembly** was replaced with a serviceable assembly. The assembly was partially disassembled, cleaned, inspected, repaired, assembled and installed.

The **Gearbox** was cleaned, continued time inspected, pressure checked and installed.

The **Fan Turbine Section** was disassembled, cleaned, inspected, repaired, and assembled. Installed continued time inspected Combustion Chamber and Turbine Fan Ducts. All remaining parts were also installed in continued time inspected condition.

All **Main Line Bearings** were continued time inspected.

All pertinent **Airworthiness Directives** were reviewed and were found to be current at this visit. The following ones were accomplished this visit.

1. 2003-16-05 (Installed Ni-cad coated C-7 through C-12 Disks)
2. 2005-21-01 (Installed oil temperature indicators on N° 4 to No 5 Scavenge Tube)
3. 2006-17-07R1 (Installed Ni-Cad coated C-8 Disk Hub and an Electroless Nickel coated HPC 8-to-9 Spacer)
4. 2011-04-04 (Inspection of C-13 Disk only Remaining units not disassembled)
5. 2011-07-02 (Installation of LPT-to-Exhaust Case Bolts, Spacers, and Nuts)
6. EASA 2004-0004 (Installed a continued time inspected T-2 Shroud P/N 815025-01)

The following **Service Bulletins** were embodied at this visit:


1. 5741R3 (Inspection of Combustion Chambers)
2. 5975R3 (Inspection of HPC Rear Hub)
3. A5944R6 (Installed oil temperature indicators on N° 4 to N° 5 Scavenge Tube)
4. 6245R3 (Installed a continued time inspected T-2 Shroud)
5. 6427R2 & A6435R1 (Installed Ni-cad coated C-7 through C-12 Disks only)
6. A6430R2 (Installed Ni-Cad coated C-8 Disk Hub and an Electroless Nickel coated HPC 8-to-9 Spacer)
7. A6494R1 (Installation of LPT-to-Exhaust Case Bolts, Spacers, and Nuts)

Subject engine was repaired, tested and found to be serviceable in accordance with Pratt & Whitney Engine Manual 773128 Revision 104 Dated October 15, 2017. All pertinent details of the work performed above are on file at this repair station under Work Order #2017-469.

Actual EGT Margin: TBD

Page 1 of 1

Additional Sheet Are Attached

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 2017-469	
4. Organization Name and Address  JET ENGINE TECHNOLOGY CORP. 7001 N.W. 25 TH STREET MIAMI, FLORIDA 33122 FAA CRS # J9GR1140		5. Work Order, Contract, or Invoice Number 717347-219			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1.	TURBO FAN ENGINE	JT8D-219	1 EA	717347	REPAIRED
12. REMARKS The subject engine was disassembled, cleaned, inspected, repaired, assembled, and tested I.A.W. Pratt & Whitney JT8D-200 engine manual 773128 Revision 104 dated October 15, 2017. All pertinent details of the work performed are on file at Jet Engine Technology Corp. under work order # 2017-469. All Airworthiness Directives were reviewed and found to be current. The following A.D.'s were incorporated at this shop visit: 2003-16-05, 2005-21-01, 2006-17-01R1, 2011-04-04 (C-13 Disk only), 2011-07-02 and EASA 2004-0004. The following Service Bulletins were embodied at this shop visit: 5741R3, 5975R3, A5944R6, 6245R3, 6427R2, A6430R2, A6435R1, and A6494R1. Engine Total Time: 72,179:53 Engine Total Cycles: 38,086 (Time and Cycles supplied by customer) (Refer to form F.A.A 337 for details) Certifies that the work specified in block 11/12 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.145.6634.					
13a. Certifies the item 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 12		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished with Title 14, Code of Federal Regulations, part 43 and in respect to the work, the items are approved for return to service.			
13b. Authorized Signature: N/A		13c. Approval Authorization No: N/A		14c. Approval/Certificate No: J9GR1140	
13d. Name (Type or Printed): N/A		13e. Date (m/d/y): N/A		14d. Name (Typed or Printed): DRAFT 14e. Date (dd/mm/yyyy): DRAFT	
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 works 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 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.					



WORK ORDER: 2017-469

ENGINE MODEL: JT8D-219 ENGINE S/N: 717347

T.T: 72,179:53

T.C: 38,086

Note: With regards to this document, the following definitions apply:

CW = Complied with at this shop visit.

PCW = Previously Complied With – Received with upgraded configuration

ND = Not Disassembled per Customer Specifications

NAI = Not Applicable Due to Engine Model

NA2 = Not Applicable Due to Engine Serial Number

NA3 = Not Applicable Due to Part Numbers

NA4 = Not Applicable Due to Part Serial Numbers

A.D. NUMBER EFF. DATE	PWA SERVICE BULLETIN	DESCRIPTION	REPETITIVE INSPECTION		COMPLIANCE, STATUS, NEXT INSPECTION, PART NUMBERS / SERIAL NUMBERS INST.
			YES	NO	
80-15-51 21-AUG-1980	A5154 R3	Ultrasonic Inspect or FPI Inspect 8 th stage Disk P/N 690908, 701308, 717608, 717708, and 738308 for cracks. Applies to: JT8D-1, 1A, 1B, 5, 7, 7A, 7B, 9, 9A, 11, 15, 17, 17R, 209, and 209A.	X		NA1: to JT8D-219
87-03-13 16-FEB-1987	5618	Replace 5 th Stage Compressor Blades P/N 778505. Applies to: JT8D-209, 217, and 217A.	X		NA1: to JT8D-219
88-04-02 04-MAR-1988	5711 R5 5751 R3 A5753 R4	Radiographic Isotope Inspect LPT Cases which do not incorporate New Anti-Rotation pins made of INCOL-901 Applies to: JT8D-209, 217, 217A, 217C, and 219.	X		NA3: to P/N installed.
91-24-14 21-JAN-1992		Inspect 4 ½ Seal Spacer P/N 525961. Applies to: JT8D-1, 1A, 1B, 5, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR, 209, 217, 217A, 217C, and 219.	X		PCW: Terminating action verified.
93-23-10	A6053R7	Superseded by AD 99-22-14			Superseded by AD 99-22-14
94-14-16		Superseded by AD 95-02-16			Superseded by AD 95-02-16
94-23-03		Superseded by AD 97-19-13			Superseded by AD 97-19-13
95-02-16 21-FEB-1995	A6153 R2 A6169 R6 A6170 R2 6240 A6310 R3 A6311 R2	Replace No. 7 Fuel Nozzle & Support Assemblies P/N 775485, 809137-1, 802965, and 5004308-02 with P/N 814358 or P/N 5004308-32 per A6311 R2. Replace aluminum pressure and scavenge oil tubes fittings with STEEL fittings per A 6170 R2. Applies All JT8D series engine models that have incorporated SB 5650-Low Emission Fuel Nozzles.	X		PCW: Terminating action verified. Nº7 Position P/N installed at this shop visit.
96-12-19		Superseded by AD 96-23-15			Superseded by AD 96-23-15

REVIEWED BY: Lauren Quantanilla, Chief Inspector DRAFT

DATE: DRAFT



WORK ORDER: 2017-469

ENGINE MODEL: JT8D-219 ENGINE S/N: 717347

T.T: 72,179:53

T.C: 38,086

Note: With regards to this document, the following definitions apply:

CW = Complied with at this shop visit.

PCW = Previously Complied With – Received with upgraded configuration

ND = Not Disassembled per Customer Specifications

NAJ = Not Applicable Due to Engine Model

NA2 = Not Applicable Due to Engine Serial Number

NA3 = Not Applicable Due to Part Numbers

NA4 = Not Applicable Due to Part Serial Numbers

A.D. NUMBER EFF. DATE	PWA SERVICE BULLETIN	DESCRIPTION	REPETITIVE INSPECTION		COMPLIANCE, STATUS, NEXT INSPECTION, PART NUMBERS / SERIAL NUMBERS INST.
			YES	NO	
96-15-06 03-SEP-1996		Remove from service all affected first stage fan hubs, P/N 5000501-01, identified by the following Serial Numbers must be replace with serviceable parts: T50693, T50823, T50827, R32926, R32960, and P66756.	X		NA3: to P/N 821501 installed.
96-23-15		Superseded by AD 99-10-11			Superseded by AD 99-10-11
97-02-11		Superseded by AD 97-17-04			Superseded by AD 97-17-04
97-17-04 R1 22-APR-2010	A6272 R3	To prevent fan hub failure due to tierod, counterweight, or bushed hole cracking, which could result in an uncontained engine failure for P/N 5000501-01 serial numbers listed I.A.W. A6272 R1. Applies to: JT8D-209, 217, 217A, 217C, and 219.	X		NA3: to P/N 821501 installed.
97-19-13	A5944 R6	Superseded by AD 2005-21-01			Superseded by AD 2005-21-01
98-21-24 16-NOV-1998		Inspection or replacement of Ni-cad coated C-3, C-4, and C-7 through C-12 compressor discs listed in Table I of the A.D. by P/N and S/N. Return affected disks to GE. Applies to: JT8D-1, 1A, 1B, 5, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR, 209, 217, 217A, 217C, and 219. Remove and scrap C-7 through C-12 Disks (JT8D HPC) listed in Appendix I of AD by P/N and S/N with <500 TIS since Ni-cad plating or by schedule 2(a) (1) thru (4). Disks with >500 TIS since Ni-cad plating require no action. Applies to: JT8D-1, 1A, 1B, 5, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR, 209, 217, 217A, 217C, and 219.	X		NA3, NA4: to Part Numbers and Serial Numbers installed. Ref: Jet Engine Technology's LLP Status.
99-01-08 05-JAN-1999			X		NA3, NA4: to Part Numbers and Serial Numbers installed. Ref: Jet Engine Technology's LLP Status.

REVIEWED BY: DRAFT

Lauren Quintanilla, Chief Inspector

DATE: DRAFT



WORK ORDER: 2017-469

ENGINE MODEL: JT8D-219 ENGINE S/N: 717347

T.T: 72,179:53 T.C: 38,086

Note: With regards to this document, the following definitions apply:

- CW = Complied with at this shop visit.
- PCW = Previously Complied With – Received with upgraded configuration
- ND = Not Disassembled per Customer Specifications
- NAI = Not Applicable Due to Engine Model
- NA2 = Not Applicable Due to Engine Serial Number
- NA3 = Not Applicable Due to Part Numbers
- NA4 = Not Applicable Due to Part Serial Numbers

A.D. NUMBER EFF. DATE	PWA SERVICE BULLETIN	DESCRIPTION	REPETITIVE INSPECTION		COMPLIANCE, STATUS, NEXT INSPECTION, PART NUMBERS / SERIAL NUMBERS INST.
			YES	NO	
99-10-11 14-JUN-1999	6193 R3 6241 R2	Replace or modify the following C-1 Blades Part Numbers 798821, 798821-001, 808121, 808121-001, 809221, 811821, 851121, 851121-001, 5000021-02, 5000021-022, and 5000021-032 I.A.W. ASB 6193 R3. C-1 Fan Blades with a letter "A" in a circle on the top of the root platform adjacent to the airfoil trailing edge, concave side have already complied with ASB 6193 R3. Accomplishment Instructions of PW ASB A6241 R2 constitutes terminating action to the inspections and maintenance actions of this AD. Applies to: JT8D-209, 217, 217A, 217C, and 219.		X	PCW: Ref. American Airlines ESN 717837 AD Status dated JUN-24-2016.
99-12-04		Superseded by AD 2000-21-07			Superseded by AD 2000-21-07
99-22-14		Superseded by AD 2004-26-04			Superseded by AD 2004-26-04
99-26-06		Superseded by AD 2002-16-08			Superseded by AD 2002-16-08
99-27-01		Superseded by AD 2005-02-03			Superseded by AD 2005-02-03
2000-21-07		Superseded by AD 2002-13-09			Superseded by AD 2002-13-09
2002-13-09		Superseded by AD 2005-18-02			Superseded by AD 2005-18-02
2002-16-08 20-SEP-2002	A6359 R3	Inspect combustion chamber outer cases with the following part numbers 500023801, 797707, 807684, and 815830. Applies to: JT8D-209, 217, 217A, 217C, and 219.		X	NA3: P/N 815556 installed.

REVIEWED BY: Lauren Quintanilla, Chief Inspector DATE: DRAFT



WORK ORDER: 2017-469

ENGINE MODEL: JT8D-219 ENGINE S/N: 717347

T.T: 72,179:53

T.C: 38,086

Note: With regards to this document, the following definitions apply:

CW = Complied with at this shop visit.

PCW = Previously Complied With – Received with upgraded configuration

ND = Not Disassembled per Customer Specifications

NAI = Not Applicable Due to Engine Model

NA2 = Not Applicable Due to Engine Serial Number

NA3 = Not Applicable Due to Part Numbers

NA4 = Not Applicable Due to Part Serial Numbers

A.D. NUMBER EFF. DATE	PWA SERVICE BULLETIN	DESCRIPTION	REPETITIVE INSPECTION		COMPLIANCE, STATUS, NEXT INSPECTION, PART NUMBERS / SERIAL NUMBERS INST.
			YES	NO	
2002-21-17 29-NOV-2002	6100 R2 6102 R1	Install stops on the fan exit guide vane case in accordance with Service Bulletin 6100 R2. Or Install fan exit guide vane case, part number P/N 805919 or 815377 and fan duct assembly P/N 805918-01. Applies to: JT8D-209, 217, 217A, 217C, and 219.		X	PCW: Terminating action verified. Verified installation of stops at this shop visit.
2002-23-14		Superseded by AD 2006-17-07 R1			Superseded by AD 2006-17-07 R1
2003-16-05 12-SEP-2003	6427R2 A6430R2 A6435 R1	HPC disc corrosion inspection, stages C-7 through C-12. Owner/operators are responsible for tracking status and utilization. Applies to: JT8D-209, 217, 217A, 217C, and 219.	X		CW: at this shop visit. Re-inspection is due 9 years after removal of engine preservation.
2004-26-04 09-FEB-2005	A6346 R4	Install the improved HPT containment hardware. Accomplishment Instructions of PW Alert Service Bulletin A6346 R3. Applies to: JT8D-209, 217, 217A, 217C, and 219.		X	PCW: Terminating action verified. Verified installation at this shop visit.
2005-02-03		Superseded by AD 2006-17-07 R1			Superseded by AD 2006-17-07 R1
2005-17-16 30-SEP-2005	A6442	The purpose of this A.D. to provide serial numbers of rotating parts overhauled by CADMAR that need to be overhauled or removed from service. Applies to: JT8D-1, 1A, 1B, 5, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR, 209, 217, 217A, 217C, and 219.		X	NA3 & NA4: to Part Numbers and Serial Numbers installed. Ref: Jet Engine Technology's LLP Status.
2005-18-02		Superseded By AD 2011-04-04			Superseded By AD 2011-04-04

REVIEWED BY: _____ DATE: DRAFT

Lauren Quintanilla, Chief Inspector



WORK ORDER: 2017-469

ENGINE MODEL: JT8D-219 ENGINE S/N: 717347

T.T: 72,179:53 T.C: 38,086

Note: With regards to this document, the following definitions apply:

- CW = Complied with at this shop visit.
- PCW = Previously Complied With – Received with upgraded configuration
- ND = Not Disassembled per Customer Specifications
- NA1 = Not Applicable Due to Engine Model
- NA2 = Not Applicable Due to Engine Serial Number
- NA3 = Not Applicable Due to Part Numbers
- NA4 = Not Applicable Due to Part Serial Numbers

A.D. NUMBER EFF. DATE	PWA SERVICE BULLETIN	DESCRIPTION	REPETITIVE INSPECTION		COMPLIANCE, STATUS, NEXT INSPECTION, PART NUMBERS / SERIAL NUMBERS INST.
			YES	NO	
2005-21-01 21-NOV-2005	A5944R6	Install and or inspect two dual temperature indicators, part number (P/N) 810486 on the No. 4 and 5 bearing compartment scavenge oil tube. Inspect every 65 hours. Applies to: JT8D-209, 217, 217A, 217C, and 219.	X		CW: at this shop visit. Re-inspect within 65 hours (E.T.T: 72,244).
2006-17-07 RI 02-NOV-2006	A6430R2	Strip the protective coating, visually inspect for fretting wear, fluorescent magnetic particle inspect, re-identify and re-plate HPC front hubs and the stage 8-9 spacers, and replace if necessary in accordance with Service Bulletin A6430. Applies to: All Models		X	CW: on Ni-Cad C-8 Disk/Hub Electroless Nickel coated HPC 8-to-9 Spacer P/N 796767-001 installed.
2011-04-04 22-MAR-2011		Perform enhanced inspection of selected life limited parts: C1 Hub, C13 Disk, HP Turbine (Rotor or Disk), T2 Disk, T3 Disk, & T4 Disk. Applies to: JT8D-209, 217, 217A, 217C, and 219.	X		NA: on C-13 Disk only. Remaining units not disassembled.
2011-07-02 28-APR-2011	A6224R6 6494R1	Perform torque inspection of 3rd and 4th stage LPT blades for shroud notch wear. Use the procedures described in Alert Service Bulletin JT8D A6224 R6. Applies to: JT8D-209, 217, 217A, 217C, and 219. Replacement of all LPT-to-Exhaust Case Bolts with P/N MS9557-26, all LPT-to-Exhaust Case Nuts with P/N's 375095 or 490270 (Steel Timidur), and installation of Sleeve Spacers P/N 822903. Applies to: JT8D-209, 217, 217A, 217C, and 219.	X		CW: Performed T-4 Blade Torque inspection at this shop visit. 1,000 hours remaining Re-inspect at or before E.T.T: 73,179:53
				X	CW: Terminated action accomplished at this visit.

REVIEWED BY: Lauren Quintanilla, Chief Inspector DRAFT

DATE: DRAFT



WORK ORDER: 2017-469

ENGINE MODEL: JT8D-219 ENGINE S/N: 717347

T.T: 72,179:53 T.C: 38,086

Note: With regards to this document, the following definitions apply:

- CW = Complied with at this shop visit.
- PCW = Previously Complied With – Received with upgraded configuration
- ND = Not Disassembled per Customer Specifications
- NAI = Not Applicable Due to Engine Model
- NA2 = Not Applicable Due to Engine Serial Number
- NA3 = Not Applicable Due to Part Numbers
- NA4 = Not Applicable Due to Part Serial Numbers

A.D. NUMBER EFF. DATE	PWA SERVICE BULLETIN	DESCRIPTION	REPETITIVE INSPECTION		COMPLIANCE, STATUS, NEXT INSPECTION, PART NUMBERS / SERIAL NUMBERS INST.
			YES	NO	
2015-14-05 25-AUG-2015	6504	The LPT Shafts with part numbers 783319 (-001, -003, -004), 783320 (-001, -003, -004), or 820514-001 (-003, -004, -005) have a new total operation cycle limit of 20,000. Remove from service any LPT Shaft at piece-part exposure that exceeds the new life limit. From the effective date of this AD: LPT Shaft that has less or equal to 15,000 CSN, remove from service before accumulating 20,000 CSN. LPT Shaft that has more than 15,000 CSN, remove it from service before it accumulates 5,000 additional cycles in service, or at the next piece-part exposure after accumulating 20,000 CSN, whichever occurs first. Applies to: JT8D- 217C and 219. Inspection or replacement of T-2 Airseal in JT8D-200 engines that have accumulated more than 2,000 hours since the incorporation of the IBERIA Engineering Bulletin N° 72-8525 Applies to: All JT8D-200 engines modified according to IBERIA Engineering Bulletin 72-8525		X	NA: Must be removed from service at next piece part visit before accumulating 20,000 CSN.
EASA AD 2004-0004 14-DEC-2014	6245R3			X	CW: Terminating action accomplished. Installed a continued time inspected T-2 Shroud Post SB 6245R3 P/N 815025-01.

REVIEWED BY: Lauren Quintanilla, Chief Inspector DRAFT

DATE: DRAFT



As Built Disk Sheet

Work Order: 2017-469
Date: DRAFT FEB-27-2017

Model: JT8D-219
E.S.N: 717347

Engine T.T: 72,179:53
Engine T.C: 38,086

All data for the disks that were NOT changed has been provided by the Customer. All documentation for the disks that HAVE been changed are on file at Jet Engine Technology Corp. under this work order.

Disk Stage	Part Number	Serial Number	Hours Limit	Cycle Limit	Total Hours	Total Cycles	Hours Remaining	Cycles Remaining
Low Pressure Compressor								
C-1*	821501	BBDUA06240	N/A	20,000	34,986	18,403	N/A	1,597
C-1.5*	800115	BBDUAY8244	N/A	20,000	34,986	18,403	N/A	1,597
C-2*	772402	BBDUA06791	N/A	20,000	34,986	18,403	N/A	1,597
C-3*	772803	BBDUA06186	N/A	20,000	34,986	18,403	N/A	1,597
C-4*	777704	BBDUA06115	N/A	20,000	34,986	18,403	N/A	1,597
C-5*	802105	BBDUA04085	N/A	20,000	34,986	18,403	N/A	1,597
C-6*	772806	BBDUA07183	N/A	20,000	34,986	18,403	N/A	1,597
High Pressure Compressor								
C-7*	815707-001	BENCAS6503	N/A	20,000	34,986	18,403	N/A	1,597
C-8*	851008-003	BENCAS8862	N/A	20,000	34,986	18,403	N/A	1,597
C-9*	815809-002	BENCAT0124	N/A	20,000	34,986	18,403	N/A	1,597
C-10*	815710-002	BENCAS9983	N/A	20,000	34,986	18,403	N/A	1,597
C-11*	815711-002	BENCAS2505	N/A	20,000	34,986	18,403	N/A	1,597
C-12*	815712-002	BENCAS7929	N/A	20,000	27,909	17,541	N/A	2,459
C-13*	5005613-01	BENCAS5031	N/A	20,000	34,986	18,403	N/A	1,597
High Pressure Turbine								
T-1*	856601	BKLBCY8156	N/A	20,000	34,986	18,403	N/A	1,597
SHAFT*	5000947-01	BKLBC45295	N/A	20,000	34,986	18,403	N/A	1,597
Low Pressure Turbine								
T-2*	777622	BLDLA34679	N/A	20,000	34,986	18,403	N/A	1,597
T-3*	777603	BLDLC36193	N/A	20,000	34,986	18,403	N/A	1,597
T-4*	800804	BLDLCW0002	N/A	20,000	34,986	18,403	N/A	1,597
SHAFT*	820514-001	BLDLC30913	N/A	20,315	35,770	17,803	N/A	2,512
	PCW SB 5019R14 (SECOND REWORK)		N/A	10,000	N/A	7,488	N/A	2,512

*Disk or Shaft was replaced at this shop visit

Reviewed By Lauren Quintanilla, Chief Inspector DRAFT