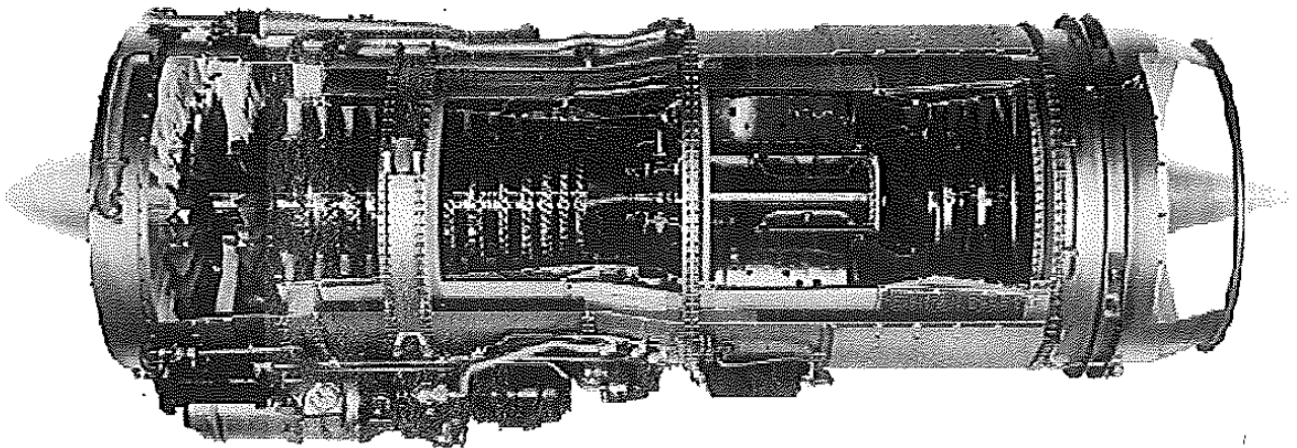


VIA EMAIL
6/11/18

ENGINE RECORDS MINI-PACK
ENGINE SERIAL NUMBER 708505
JT8D-217A



COMPLEMENTARY COPY
REFERENCE AEROLOCATE, LLC
WORK ORDER NUMBER 2017-447

“...Aircraft Sales & Lease, Parts & Engines, Delivery...”





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TECHNICAL DOCUMENTATION



ENGINE SUMMARY INFORMATION



ENGINE SUMMARY DATA:

Make:	Pratt & Whitney
Model:	JT8D-217A
Serial Number:	708505
Total Time since New:	58,157
Total Cycles since New:	34,642
First Hour Limiter:	N/A
Second Hour Limiter:	N/A
First Cycle Limiter:	C-10 Disk
Second Cycle Limiter:	C-1 Disk



F.A.A

FORM

337



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 (As shown on registration certificate)	Address (As shown on registration certificate)	
		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	_____	(As described in item 1 above)	_____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	POWERPLANT	Pratt & Whitney	JT8D-217A	708505
<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 Renzo Cabrera – Director of Quality April-17-2017
--	--

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 (Specify)	

Certificate or Designation No. J9GR1140 Limited Powerplant, Airframe, & Accessories	Signature/Date of Authorized Individual Lauren Quintanilla – Chief Inspector April-17-2017
---	---

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: 2017-447

Model: JT8D-217A

Engine Serial Number: 708505

Nationality and Registration Mark

Date

E.T.T: 58,157

E.T.C: 34,642

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

The **Fan Inlet Section** was disassembled, cleaned, inspected, and assembled. Installed a continued time inspected Inlet Case Assembly. All remaining parts were also continued time inspected. N°1 Bearing Configuration Post SB 6050.

The **Low Compressor Section** was disassembled, cleaned, inspected, repaired, assembled, and balanced. Installed an overhauled C-1 & C-4 Disk/Blade Assemblies, continued time inspected C-1.5, C-2, C-3, C-5 & C-6 Disk/Blade Assemblies, 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 (2ea) 8th Stage Bleed Valves, continued time inspected N°2 and N°3 Carbon Seal Assemblies. All remaining parts were also continued time inspected. Engine Bleed Valve System Configuration is Pre 5871R3.

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, overhauled sets of HPC Tierods and HPC Tierods Nuts. All HPC Blades were installed in overhauled condition and with a 80/20 CAT A/B 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) benched checked Fuel Nozzles, an overhauled C-13 Stator, (1ea) overhauled 13th Stage Bleed Valve and a continued time inspected N°4 bearing Carbon Seal Assembly. N° 4 Bearing Area is Post 5989R3. Bleed Valve System Configuration is Pre SB 5871R3. 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 Assembly, a continued time inspected set of (9ea) CAT 2A Combustion Chambers, a continued time inspected T-1 Outer Air Seal and a continued time Nozzle Case Assembly. All remaining parts were also continued time inspected.

The **High Pressure Turbine** was disassembled, cleaned, inspected, repaired, 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 continued time inspected.

The **Low Pressure Turbine Section** was not disassembled. Module was cleaned, inspected and balanced.

The **Exhaust Case & Mixer** was replaced with a serviceable assembly. The assembly was partially disassembled, cleaned, inspected, repaired, assembled and installed Thermocouples Probes and EGT Harness were continuity checked and Pt7 Tubing was leak checked. All remaining parts were also continued time inspected.

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 continued time inspected.

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

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. AD 99-10-11 (Installed an OVH set of C-1 Blades P/N 854021)
- 2. AD 2003-16-05 (Installed Ni-cad coated C-7 through C-12 Disks)
- 3. AD 2005-21-01 (Installed oil temperature indicators on N° 4 to No. 5 Scavenge Tube)
- 4. AD 2006-17-07R1 (Installed Ni-Cad coated C-8 Disk Hub and a Ni-Cad coated HPC 8-to-9 Spacer)
- 5. AD 2011-04-04 (Inspection of C-1 & C-13 Disks only. Remaining units not disassembled)
- 6. AD 2011-07-02 (Installation of LPT-to-Exhaust Case Bolts, Spacers, and Nuts)

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. 6193R3 (Installed an OVH set of C-1 Blades P/N 854021)
- 5. 6427R2 & A6435R1 (Installed Ni-cad coated C-7 through C-12 Disks)
- 6. A6430R2 (Installed Ni-Cad coated C-8 Disk Hub and a Ni-Cad 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 103 Dated October 15, 2016. All pertinent details of the work performed above are on file at this repair station under Work Order #2017-447.

Actual EGT Margin: 19°C

Additional Sheet Are Attached





F.A.A

FORM

8130-3

(WO 2017-447)

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 2017-447	
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: 708505-217A			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1.	TURBO FAN ENGINE	JT8D-217A	1 EA	708505	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 103 dated October 15, 2016. All pertinent details of the work performed are on file at Jet Engine Technology Corp. under work order # 2017-447. All Airworthiness Directives were reviewed and found to be current. The following A.D.'s were incorporated at this shop visit: 99-10-11, 2003-16-05, 2005-21-01, 2006-17-07R1, 2011-04-04 (C-1 & C-13 Disks only) and 2011-07-02 (LPT-Exhaust Hardware). The following Service Bulletins were embodied at this shop visit: 5741R3, 5975R3, A5944R6, 6193R3, 6427R2, A6430R2, A6435R1 and A6494R1. Engine Total Time: 58,157 Engine Total Cycles: 34,642 (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 this 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	13c Approval Authorization No	14b. Authorized Signature:			
N/A	N/A	 14c. Approval/Certificate No: J9GR1140			
13d Name (Type or Printed)	13e Date (m/d/y)	14d. Name (Typed or Printed): Lauren Quintanilla			
N/A	N/A	14e. Date (dd/mm/yyyy): 17-APR-2017			
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.					




F.A.A

FORM

8130-3

(WO 2017-447A)

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 2017-447A	
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 708505-217A			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:
1.	TURBO FAN ENGINE	JT8D-217A	1 EA	708505	REPAIRED
12. REMARKS The subject engine was previously repaired under WO 2017-447. Engine has not accumulated any time or cycles since its last shop visit under WO 2017-447. The subject engine's Fuel Control Unit was removed and replaced with an overhauled Fuel Control Unit I.A.W. Pratt & Whitney JT8D-200 engine manual 773128 Revision 103 dated October 15, 2016. All pertinent details of the work performed are on file at Jet Engine Technology Corp. under work order # 2017-447A. All Airworthiness Directives were reviewed and found to be current. The following A.D.'s were accomplished at last shop visit under WO 2017-447: 99-10-11, 2003-16-05, 2005-21-01, 2006-17-07R1, 2011-04-04 (C-1 & C-13 Disks only) and 2011-07-02 (LPT-to-Exhaust Hardware). The following Service Bulletins were embodied at the last shop visit under WO 2017-447: 5741R3, 5975R3, A5944R6, 6193R3, 6427R2, A6430R2, A6435R1 and A6494R1. Performed 90 day plus preservation of the fuel and oil systems IAW P&W E/M 773128 Section 72-00-00 Storage-01. Engine Total Time: 58,157 Engine Total Cycles: 34,642 (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 this 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		13c Approval Authorization No N/A		14a <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input 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		13e Date (m/d/y) N/A		14c. Approval/Certificate No: J9GR1140	
13d Name (Type or Printed) N/A		14d. Name (Typed or Printed): Lauren Quintanilla		14e. Date (dd/mm/yyyy): 02-MAY-2017	
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.					



L.L.P

STATUS



As Built Disk Sheet

Work Order: 2017-447
Date: APR-17-2017

Model: JT8D-217A
E.S.N: 708505

Engine T.T: 58,157
Engine T.C: 34,642

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	BBDUA06485	N/A	20,000	20,000	15,708	N/A	4,292
C-1.5*	800115	BBDUAX3350	N/A	20,000	12,192	11,720	N/A	8,280
C-2*	772702	BBDUAY8467	N/A	20,000	N/A	15,336	N/A	4,664
C-3	772803	BBDUA04450	N/A	20,000	11,724	9,785	N/A	10,215
C-4*	777704	BBDUAS1745	N/A	20,000	21,069	14,946	N/A	5,054
C-5*	802105	BBDUAY8083	N/A	20,000	15,762	13,713	N/A	6,287
C-6*	772806	BBDUAY8302	N/A	20,000	N/A	15,493	N/A	4,507
High Pressure Compressor								
C-7	822107	BENCAU3627	N/A	15,000	7,450	7,159	N/A	7,841
C-8*	822208	BENCAX1889	N/A	20,000	5,759	5,645	N/A	14,355
C-9	798509-001	BENCAM1034	N/A	20,000	23,867	15,780	N/A	4,220
C-10	772510-001	BENCAM1799	N/A	20,000	23,867	15,780	N/A	4,220
C-11	772511-001	BENCAL9497	N/A	20,000	23,867	15,780	N/A	4,220
C-12	798512-001	BENCAM1428	N/A	20,000	23,867	15,780	N/A	4,220
C-13	5005613-01	BENCAL4853	N/A	20,000	23,867	15,780	N/A	4,220
High Pressure Turbine								
T-1	856701	BKLCX0463	N/A	20,000	12,174	11,377	N/A	8,623
SHAFT	5000947-01	BKLB96355	N/A	20,000	18,128	14,987	N/A	5,013
Low Pressure Turbine								
T-2	777622	BLDLA33439	N/A	20,000	23,867	15,780	N/A	4,220
T-3	777603	BLDLBP1266	N/A	20,000	23,867	15,780	N/A	4,220
T-4	800804	BLDLBL4296	N/A	20,000	23,867	15,780	N/A	4,220
SHAFT	820514	BLDLC99855	N/A	12,000	7,703	7,429	N/A	4,571

*Disk or Shaft was replaced at this shop visit

Reviewed By

Lauren Quintanilla, Chief Inspector



A.D STATUS



JET ENGINE TECHNOLOGY, CORP.
FAA REPAIR STATION N° J9GR1140
 7001 N.W. 25TH STREET MIAMI, FLORIDA 33122
 JT8D-200 AIRWORTHINESS DIRECTIVE COMPLIANCE STATUS

WORK ORDER: 2017-447

ENGINE MODEL: JT8D-217A ENGINE S/N: 708505

T.C: 34,642

T.T: 58,157

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-217A
87-03-13 16-FEB-1987	5618	Replace 5 th Stage Compressor Blades P/N 778505. Applies to: JT8D-209, 217, and 217A.		X	NA3: Ref C-5 Disk P/N 802105 is Post SB5752R2.
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	PCW: Ref Wings Air ESN 708505 AD Status dated JUN-23-2015.
91-24-14 21-JAN-1992		Inspect 4 1/2 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. N°7 Position P/N 821248-01 installed at this shop visit.
96-12-19		Superseded by AD 96-23-15			Superseded by AD 96-23-15

REVIEWED BY:

Lauren Quintana
 Lauren Quintana, Chief Inspector

DATE: APR-17-2017



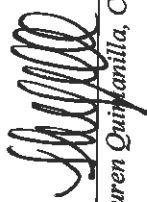
JET ENGINE TECHNOLOGY, CORP.
FAA REPAIR STATION N° J9GR1140
 7001 N.W. 25TH STREET MIAMI, FLORIDA 33122
 JT8D-200 AIRWORTHINESS DIRECTIVE COMPLIANCE STATUS

WORK ORDER: 2017-447 T.T: 58,157 T.C: 34,642
 ENGINE MODEL: JT8D-217A ENGINE S/N: 708505

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	REPEITIVE 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 1 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.		X	NA3, NA4: to Part Numbers and Serial Numbers installed. Ref: Jet Engine Technology's LLP Status.

REVIEWED BY:  DATE: APR-17-2017

Lauren Quiñanilla, Chief Inspector



JET ENGINE TECHNOLOGY, CORP.
FAA REPAIR STATION N° J9GR1140
 7001 N.W. 25TH STREET MIAMI, FLORIDA 33122
 JT8D-200 AIRWORTHINESS DIRECTIVE COMPLIANCE STATUS

WORK ORDER: 2017-447

ENGINE MODEL: JT8D-217A

ENGINE S/N: 708505

T.T: 58,157

T.C: 34,642

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

- CW = Complied with at this shop visit.
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- 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	
99-01-08 05-JAN-1999		Remove and scrap C-7 through C-12 Disks (JT8D HPC) listed in Appendix 1 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.
99-10-11 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	CW: Installed an OVH set of C-1 Blades P/N 854021 at this shop visit.
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

REVIEWED BY:

Lauren Quiñanilla
 Lauren Quiñanilla, Chief Inspector

DATE: APR-17-2017



JET ENGINE TECHNOLOGY, CORP.
FAA REPAIR STATION N° J9GR1140
 7001 N.W. 25TH STREET MIAMI, FLORIDA 33122
 JT8D-200 AIRWORTHINESS DIRECTIVE COMPLIANCE STATUS

WORK ORDER: 2017-447

ENGINE MODEL: JT8D-217A

ENGINE S/N: 708505

T.T: 58,157

T.C: 34,642

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	
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.
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: C-7 Disk Ni-Cad on FEB-27-2017 C-8 Disk Ni-Cad on JAN-09-2017 C-9 Disk Ni-Cad on MAR-01-2017 C-10 Disk Ni-Cad on FEB-27-2017 C-11 Disk Ni-Cad on FEB-27-2017 C-12 Disk Ni-Cad on MAR-01-2017 Re-inspection is due within 9 years from removal of engine preservation.

REVIEWED BY:

Lauren Quintanilla, Chief Inspector

DATE: APR-17-2017



JET ENGINE TECHNOLOGY, CORP.
FAA REPAIR STATION N° J9GR1140
 7001 N.W. 25TH STREET MIAMI, FLORIDA 33122
 JT8D-200 AIRWORTHINESS DIRECTIVE COMPLIANCE STATUS

WORK ORDER: 2017-447
 ENGINE MODEL: JT8D-217A ENGINE S/N: 708505 T.T: 58,157 T.C: 34,642

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- NA4 = Not Applicable Due to Part Serial Numbers

A.D. NUMBER EFF. DATE	FWA SERVICE BULLETIN	DESCRIPTION	REPETITIVE INSPECTION		COMPLIANCE, STATUS, NEXT INSPECTION, PART NUMBERS / SERIAL NUMBERS INST.
			YES	NO	
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
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: 58,222).
2006-17-07 R1 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 Ni-Cad coated HPC 8-to-9 Spacer P/N 821917 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	CW: on C-1 & C-13 Disks only. Remaining units not disassembled.

REVIEWED BY: *[Signature]*
 DATE: APR-17-2017

Lauren Quintanilla, Chief Inspector



JET ENGINE TECHNOLOGY, CORP.
FAA REPAIR STATION N° J9GR1140
 7001 N.W. 25TH STREET MIAMI, FLORIDA 33122
 JT8D-200 AIRWORTHINESS DIRECTIVE COMPLIANCE STATUS

WORK ORDER: 2017-447 ENGINE S/N: 708505 T.T: 58,157 T.C: 34,642
 ENGINE MODEL: JT8D-217A

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

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A.D. NUMBER EFF. DATE	PWA SERVICE BULLETIN	DESCRIPTION	REPETITIVE INSPECTION		COMPLIANCE, STATUS, NEXT INSPECTION, PART NUMBERS / SERIAL NUMBERS INST
			YES	NO	
2011-07-02 28-APR-2011	A6224R6	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.	X		PCW: T-3 & T-4 Blades have 5,063 hours remaining Ref ST Aerospace ESN 708505 AD Status dated MAY-21-2009
	6494R1	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 Trimdur), and installation of Sleeve Spacers P/N 822903. Applies to: JT8D-209, 217, 217A, 217C, and 219.		X	CW: Terminated action accomplished at this visit.
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.		X	NAI: to JT8D-217A.

REVIEWED BY:  DATE: APR-17-2017

Lauren Quintanilla, Chief Inspector



JET ENGINE TECHNOLOGY, CORP.
FAA REPAIR STATION N° J9GR1140
 7001 N.W. 25TH STREET MIAMI, FLORIDA 33122
 JT8D-200 AIRWORTHINESS DIRECTIVE COMPLIANCE STATUS

WORK ORDER: 2017-447
 ENGINE MODEL: JT8D-217A ENGINE S/N: 708505 T.T: 58,157 T.C: 34,642

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

- CW = Complied with at this shop visit.
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A.D. NUMBER EFFECTIVE DATE	PWA SERVICE BULLETIN	DESCRIPTION	REPETITIVE INSPECTION		COMPLIANCE, STATUS, NEXT INSPECTION, PART NUMBERS / SERIAL NUMBERS INST.
			YES	NO	
EASA AD 2004-0004 14-DEC-2014	6245R3	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	PCW: Ref ST Aerospace ESN 708505 AD Status dated MAY-21-2009

REVIEWED BY: 
 Lauren Quintanilla, Chief Inspector



TEST CELL DATA



TEST CELL RESULTS

W. O.: 5002069

MODEL: JT8D-217A

ESN: 708505

DATE: 13-Apr-17

F. J. Turbine Power, Inc.

DATE TESTED: 13-Apr-17

FAA Approved Repair Station F7JR192Y

Form Q 009 - 1/5/04

Engine Work Card: FJT 5001A 7/22/11

ENGINE WORK CARD

WARNING: This routine work form does not in any way supersede the OEM's manual requirements. This form is intended to be used in conjunction with the OEM's manuals.

TITLE:				
ENGINE TEST RESULTS - JT8D-200				
WORK ORDER		ENGINE MODEL		ENGINE SERIAL NUMBER
5002069		JT8D-217A		708505
TEST SPECIFICATIONS:		MANUAL USED <u>P/N 773128 REV.# 103</u>		TYPE OF TEST: <u>TEST # 3</u>
TEST LIMITS (CHECK ONE):		<input checked="" type="checkbox"/> HEAVY MAINTENANCE		<input type="checkbox"/> OVERHAUL
				<input type="checkbox"/> OTHER: _____
ITEM	OPERATION AND REFERENCED PROCEDURE	ACCEPTED	REJECTED	DOES NOT APPLY
1	MAIN OIL PRESSURE	FJTP 21 PASS		
2	MAIN OIL TEMPERATURE.	FJTP 21 PASS		
3	OIL CONSUMPTION.	FJTP 21 PASS		
4	BREATHER PRESSURE	FJTP 21 PASS		
5	MAXIMUM EXHAUST GAS TEMPERATURE (EGT)	FJTP 21 PASS		
6	EXHAUST GAS TEMPERATURE (EGT) SPREAD.	FJTP 21 PASS		
7	FRONT VIBRATION LIMITS.	FJTP 21 PASS		
8	REAR VIBRATION LIMITS.	FJTP 21 PASS		
9	TURBINE COOLING PRESSURE.	FJTP 21 PASS		
10	MAXIMUM LOW COMPRESSOR SPEED.	FJTP 21 PASS		
11	MAXIMUM HIGH COMPRESSOR SPEED.	FJTP 21 PASS		
12	E.P.R. vs. THRUST RELATIONSHIP.	FJTP 21 PASS		
13	ACCELERATION TIME.	FJTP 21 PASS		
14	ANTI-SURGE BLEED CHECK.	FJTP 21 PASS		
15	AUTOMATIC RESERVE THRUST INCREMENT.	FJTP 21 PASS		
16	SPEED DATA PLATE. OBSERVED: R.P.M.: <u>11,061</u> PERCENT: <u>90.33</u> %	FJTP 21 PASS		
17	RE-STAMP OF DATA PLATE REQUIRED IF ENGINE QUALIFIES BASED ON WORK PERFORMED.			NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>
18	COMMENTS:	TAKE-OFF LIMIT	TAKE-OFF - ACTUAL	TAKE-OFF MARGIN
	RED LINE	<u>590</u> °C (OBSERVED)	<u>558</u> °C (OBSERVED)	<u>32</u> °C
	EHM (for Pt7/Pt2)	<u>550</u> °C (CORRECTED)	<u>531</u> °C (CORRECTED)	<u>19</u> °C
	CIT: <u>77</u> °F			

F. J. Turbine Power, Inc.

FAA Approved Repair Station F7JR192Y

Form Q 009 - 5-Jan-2004

Engine Work Card: FJT 5002 - Rev. 3 - 3-Jul-2014

DATE TESTED: 13-Apr-2017

ENGINE WORK CARD

WARNING: This routine work form does not in any way supersede the OEM's manual requirements. This form is intended to be used in conjunction with the OEM's manuals.


TITLE:										
JET ENGINE TEST LOG										
WORK ORDER			ENGINE MODEL				ENGINE SERIAL NUMBER			
5002069			JT8D-217A				708505			
CUSTOMER			TEST CELL No.	TEST START	TEST STOP	TEST HOURS				
J.E.T.			6	11:30	13:00	1 HR 30 MINS.				
TEST SPECIFICATIONS:		MANUAL P/N: 773128		REVISION # 103		TYPE OF TEST: TEST # 3				
TEST LIMITS (CHECK ONE):		<input checked="" type="checkbox"/> HEAVY MAINTENANCE		<input type="checkbox"/> OVERHAUL		<input type="checkbox"/> OTHER:				
N2 SPEED DATA PLATE:		%	RPM	WEATHER			BLEED VALVE CHECK			
FUEL PUMP	P/N:	384300		TIME TAKEN:	11:35		SCHED MAX. (CHART):	73.3 "HGA		
	S/N:	7946		BAROMETER:	30:19		SCHED MIN. (CHART):	67.7 "HGA		
FCU	P/N:	769606-14		CIT OR OAT:	77 °F		OPENED AT:	70.2 "HGA		
	S/N:	F386		DRY BULB TEMP:	77 °F		CLOSED AT:	72.1 "HGA		
BELL MOUTH S/N:		TC015		WET BULB TEMP:	71 °F		TRIM DATA			
TEST NOZZLE S/N:		TC016		HUMIDITY:	62 %		PART POWER PT7 TARGET:	50.43 "HGA		
TEST NOZZLE AREA:		7.601 SQUARE FEET		DEW POINT:	60 °F		TAKE OFF POWER PT7 TARGET:	58.71 "HGA		
OIL CONSUMPTION:		0.02 GPH		AMOUNT OF OIL SERVICED:		6 GALLONS		IDLE N2 TRIMMED TO:	6640 RPM	
FUEL TYPE: JET A		OIL TYPE: BP2380		ACCELERATION TIME:			5.0 SEC.			
FUEL B.T.U. RATING:		18560		SP. GR.: 0.796		FUEL METER START: 166921		FUEL METER STOP: 167879		TOTAL FUEL USED: 958 GLS
OIL LEAKS:	OK -	SPARK IGNITER CK - "A":		OK -	FUEL HEAT VALVE:		OK -	FUEL PRESSURE:		OK -
FUEL LEAKS:	OK -	SPARK IGNITER CK - "B":		OK -	COWL ANTI-ICE VALVE:		N/A	CSD DISCONNECT:		N/A
AIR LEAKS:	OK -	LH ANTI-ICE VALVE:		OK -	FUEL PRESS TRANS:		N/A	OIL SCREEN:		OK -
OIL PRESSURE:	OK -	RH ANTI-ICE VALVE:		OK -	ENG OIL PRESS TRANS:		N/A	FUEL SCREENS:		OK -
SPEED DATA PLATE CHECK AT 1.65 EPR - N2 RPM <u>11061</u> @ <u>90.33</u> % RE-STAMP DATA PLATE: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>										
PRESERVED FUEL AND OIL SYSTEMS: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> DATE: <u>13-Apr-17</u>										
NOTES: <u>COAST DOWN TIME N2: 1:38 MINS N1: 2:12 MINS</u>										

TESTED BY:

[Signature] 

The engine identified above was tested I.A.W. current Federal Aviation Regulations and was found airworthy for return to service with respect to the test performed, recorded on work card FJT 5002 as revised and supporting engine test data.

INSPECTED BY:

[Signature] 

DATE:

APRIL, 13-17

FJ TURBINE POWER, INC FAA #F7JR192Y JT8D-200 ENGINE TEST FROM PAGE 26
THIS DATA HAS BEEN CORRECTED BY USING CORRECTED PT2 PER CMS TABLE NO. 1424 EQUATION 2
(CURVE 1891-2)

MODEL: JT8D-217A S/N: 708505 WO: 5002069 CUST: J.E.T.
 J.D.L.E.
 CIT

25
77

 °C/°F EGT

393
739

 °C/°F T7 TIME @ TEMP

0

 THRUST

1162

 LBS CORR. EPR

1.032

N1 %

25.85

 N1 RPM

2,125

 N2 %

54.16

 N2 RPM

6,634

 TIMER
 MAIN OIL

43

 PSIG MAIN FUEL

30

 PSIG
 BREATHER

0.1

 "HG FUEL FLOW

963

 PPH
 OIL IN

187
87

 °F/°C FUEL IN

78

 °F
 OIL OUT

205

 °F PS4

14.8

 PSIA PS3

41.5

 HGA
 CELL TEMP

77

 °F BAROMETER

30.19

 "HG

CORRECTED DATA

N1	2089
Fn	1152
N2	6521
EGT	371 °C
Wf	929
TSFC	0.807

CORR. PT2

30.19

 HGA
 PT2 AVG (CELL)

-0.20

 "H2O
 PT7

31.14

 HGA

VIBRATION

COMP	0.2
TURB	0.2

CORR. Ps3/Pt2

1.376

 CORR. Ps4/Pt2

0.998

 PCP

21.4

 PSIA
 PS3

20.4

 PSIA
 PCP RATIO

1.446

4/13/2017

FJ TURBINE POWER, INC FAA #F7JR192Y JT8D-200 ENGINE TEST FROM PAGE 26
THIS DATA HAS BEEN CORRECTED BY USING CORRECTED PT2 PER CMS TABLE NO. 1424 EQUATION 2
(CURVE 1891-2)

MODEL: JT8D-217A S/N: 708505 WO: 5002069 CUST: J.E.T. PART POWER.
 CIT

25
77

 °C / °F EGT

499
930

 °C / °F T7 TIME @ TEMP

0

 THRUST

14811

 LBS CORR. EPR

1.674

CORRECTED DATA

N1	6679
Fn	15307
N2	11112
EGT	473 °C
Wf	7414
TSFC	0.484

CORR. PT2

30.13

 HGA
 PT2 AVG (CELL)

-1.50

 "H2O
 PT7

50.43

 HGA

N1 %

82.63

 N1 RPM

6,794

N2 %

92.29

 N2 RPM

11,304

TIMER

MAIN OIL

47

 PSIG MAIN FUEL

21

 PSIG
 BREATHER

0.7

 "HG FUEL FLOW

7668

 PPH
 OIL IN

185
85

 °F / °C FUEL IN

76

 °F
 OIL OUT

283

 °F PS4

205.5

 PSIA PS3

164.1

 HGA
 CELL TEMP

77

 °F BAROMETER

30.19

 "HG

VIBRATION

COMP	1.2
TURB	1.5

CORR. Ps3/Pt2

5.454

 CORR. Ps4/Pt2

13.887

 PCP

111.9

 PSIA
 PS3

80.7

 PSIA
 PCP RATIO

0.545

4/13/2017

FJ TURBINE POWER, INC

FAA REPAIR STATION F7JR192Y

JT8D

Page 24

MODEL JT8D-217A S/N 708505 W.O. 5002069

CUSTOMER

J.E.T.

- T7
- 1. 929 F
 - 2. 879 F
 - 3. 901 F
 - 4. 965 F
 - 5. 938 F
 - 6. 979 F
 - 7. 908 F
 - 8. 941 F

COND

PARTPOWER

CALCULATED AVG.
930 F

EGT SPREAD
EGT LO ~~879~~ EGT HI ~~979~~ EGT SPREAD ~~100~~
CHN216 CHN217

DATE 04/13/17

FJ TURBINE POWER, INC FAA #F7JR192Y JT8D-200 ENGINE TEST FROM PAGE 26
THIS DATA HAS BEEN CORRECTED BY USING CORRECTED PT2 PER CMS TABLE NO. 1424 EQUATION 2
(CURVE 1891-2)

MODEL: JT8D-217A S/N: 708505 WO: 5002069 CUST: J.E.T. *IDLE*
 CIT

26	°C
78	°F

 EGT

389	°C
732	°F

 T7 TIME @ TEMP

0

 THRUST

1171

 LBS CORR. EPR

1.032

N1 %

25.99

 N1 RPM

2,137

 N2 %

54.45

 N2 RPM

6,669

 TIMER
 MAIN OIL

42

 PSIG MAIN FUEL

30

 PSIG
 BREATHER

0.1

 "HG FUEL FLOW

927

 PPH
 OIL IN

219	°F
104	°C

 FUEL IN

76	°F
----	----

 OIL OUT

242	°F
-----	----

 PS4

14.8

 PSIA PS3

41.7

 HGA
 CELL TEMP

78	°F
----	----

 BAROMETER

30.19

 "HG

CORRECTED DATA

N1	2098
Fn	1161
N2	6549
EGT	366 °C
Wf	893
TSFC	0.770

CORR. PT2

30.19

 HGA
 PT2 AVG (CELL)

-0.20

 "H2O
 PT7

31.14

 HGA
 CORR. Ps3/Pt2

1.383

 CORR. Ps4/Pt2

0.998

 PCP

22.5

 PSIA
 PS3

20.5

 PSIA
 PCP RATIO

1.520

VIBRATION

COMP	0.2
TURB	0.2

4/13/2017

FJ TURBINE POWER, INC FAA #F7JR192Y JT8D-200 ENGINE TEST FROM PAGE 26
THIS DATA HAS BEEN CORRECTED BY USING CORRECTED PT2 PER CMS TABLE NO. 1424 EQUATION 2
(CURVE 1891-2)

MODEL: JT8D-217A S/N: 708505 WO: 5002069 CUST: J.E.T.
 CIT 25 °C EGT 558 °C
77 °F 1037 °F T7 TIME @ TEMP 0 THRUST 19519 LBS CORR. EPR 1.950
 TAKEOFF.

N1 % 91.86 N1 RPM 7,554
 N2 % 96.81 N2 RPM 11,858
 TIMER
 MAIN OIL 47 PSIG MAIN FUEL 15 PSIG
 BREATHER 0.9 "HG FUEL FLOW 10595 PPH
 OIL IN 191 °F FUEL IN 76 °F
88 °C
 OIL OUT 311 °F PS4 258.1 PSIA
 CELL TEMP 77 °F BAROMETER 30.19 "HG

CORRECTED DATA

N1	7426
Fn	20093
N2	11657
EGT	531 °C
Wf	10249
TSFC	0.510

CORR. PT2 30.11 HGA
 PT2 AVG (CELL) -2.10 "H2O
 PT7 58.71 HGA
 CORR. Ps3/Pt2 6.558
 CORR. Ps4/Pt2 17.450
 PCP 139.6 PSIA
 PS3 97 PSIA
 PCP RATIO 0.540

VIBRATION

COMP	1.3
TURB	1.4

4/13/2017

FJ TURBINE POWER, INC

FAA REPAIR STATION F7JR192Y

JT8D

Page 24

MODEL JT8D-217A S/N 708505 W.O. 5002069

CUSTOMER

J.E.T.

T7
1. 1045 F

COND TAKEOFF

2. 983 F

3. 1002 F CALCULATED AVG.
1037 F

4. 1062 F

5. 1056 F

6. 1087 F

EGT SPREAD

7. 1008 F

EGT LO ~~983~~ CHN216 EGT HI ~~1087~~ CHN217 EGT SPREAD ~~104~~

8. 1050 F

DATE 04/13/17

FJ TURBINE POWER, INC FAA #F7JR192Y JT8D-200 ENGINE TEST FROM PAGE 26
 THIS DATA HAS BEEN CORRECTED BY USING CORRECTED PT2 PER CMS TABLE NO. 1424 EQUATION 2
 (CURVE 1891-2)

MODEL: JT8D-217A S/N: 708505 WO: 5002069 CUST: J.E.T. *MAX.T/O.*
 CIT

25
77

 °C / °F EGT

568
1054

 °C / °F T7 TIME @ TEMP

0

 THRUST

20272

 LBS CORR. EPR

1.999

N1 %

93.20

 N1 RPM

7,663

 N2 %

97.53

 N2 RPM

11,945

 TIMER
 MAIN OIL

48

 PSIG MAIN FUEL

13

 PSIG
 BREATHER

0.9

 "HG FUEL FLOW

11061

 PPH
 OIL IN

186
85

 °F / °C FUEL IN

76

 °F
 OIL OUT

307

 °F PS4

267.5

 PSIA PS3

203.4

 HGA
 CELL TEMP

77

 °F BAROMETER

30.19

 "HG

CORRECTED DATA

N1	7533
Fn	20892
N2	11743
EGT	539
Wf	10699
TSFC	0.512

CORR. PT2

30.11

 HGA
 PT2 AVG (CELL)

-1.90

 "H2O
 PT7

60.19

 HGA
 CORR. Ps3/Pt2

6.775

 CORR. Ps4/Pt2

18.087

 PCP

144.1

 PSIA
 PS3

100.2

 PSIA
 PCP RATIO

0.540

VIBRATION

COMP	1.3
TURB	1.2

4/13/2017

FJ TURBINE POWER, INC FAA #F7JR192Y JT8D-200 ENGINE TEST FROM PAGE 26
THIS DATA HAS BEEN CORRECTED BY USING CORRECTED PT2 PER CMS TABLE NO. 1424 EQUATION 2
(CURVE 1891-2)

MODEL: JT8D-217A S/N: 708505 WO: 5002069 CUST: J.E.T.
 CIT

25
77

 °C / °F EGT

533
991

 °C / °F T7 TIME @ TEMP

0

 THRUST

17514

 LBS CORR. EPR

1.834

 MAX. CONT.

N1 %

88.15

 N1 RPM

7,248

N2 %

95.05

 N2 RPM

11,642

TIMER

MAIN OIL

47

 PSIG

MAIN FUEL

17

 PSIG

BREATHER

0.8

 "HG

FUEL FLOW

9287

 PPH

OIL IN

200
93

 °F / °C

FUEL IN

76

 °F

OIL OUT

315

 °F

PS4

236.2

 PSIA

PS3

183.2

 HGA

CELL TEMP

77

 °F

BAROMETER

30.19

 "HG

CORRECTED DATA

N1	7125
F _n	18037
N2	11445
EGT	506 °C
Wf	8982
TSFC	0.498

CORR. PT2

30.12

 HGA

PT2 AVG (CELL)

-1.70

 "H2O

PT7

55.23

 HGA

VIBRATION

COMP	2.3
TURB	1.6

CORR. Ps3/P12

6.090

CORR. Ps4/P12

15.966

PCP

128.8

 PSIA

PS3

90.1

 PSIA

PCP RATIO

0.544

4/13/2017

FJ TURBINE POWER, INC

FAA REPAIR STATION F7JR192Y

JT8D

Page 24

MODEL JT8D-217A S/N 708505 W.O. 5002069

CUSTOMER

J.E.T.

T7
1. 998 F

COND

M. CONT.

2. 938 F

3. 965 F

CALCULATED AVG.

991 F

4. 1019 F

5. 1009 F

6. 1038 F

EGT SPREAD

7. 966 F

EGT LO ~~938~~ EGT HI ~~1038~~ EGT SPREAD ~~100~~
CHN216 CHN217

8. 998 F

DATE 04/13/17

FJ TURBINE POWER, INC FAA #F7JR192Y JT8D-200 ENGINE TEST FROM PAGE 26
THIS DATA HAS BEEN CORRECTED BY USING CORRECTED PT2 PER CMS TABLE NO. 1424 EQUATION 2
(CURVE 1891-2)

MODEL: JT8D-217A S/N: 708505 WO: 5002069 CUST: J.E.T. *MAX. CR.*
 CIT

25
77

 °C / °F EGT

514
957

 °C / °F T7 TIME @ TEMP

0

 THRUST

16017

 LBS CORR. EPR

1.748

N1 %

85.39

 N1 RPM

7,021

 N2 %

93.58

 N2 RPM

11,461

 TIMER
 MAIN OIL

47

 PSIG MAIN FUEL

19

 PSIG
 BREATHER

0.7

 "HG FUEL FLOW

8400

 PPH
 OIL IN

201
94

 °F / °C FUEL IN

76

 °F
 OIL OUT

313

 °F PS4

219.9

 PSIA PS3

173.1

 HGA
 CELL TEMP

77

 °F BAROMETER

30.19

 "HG

CORRECTED DATA

N1	6898
Fn	16508
N2	11267
EGT	487 °C
Wf	8123
TSFC	0.492

CORR. PT2

30.12

 HGA
 PT2 AVG (CELL)

-1.90

 "H2O
 PT7

52.66

 HGA
 CORR. Ps3/Pt2

5.745

 CORR. Ps4/Pt2

14.862

 PCP

120.5

 PSIA
 PS3

85

 PSIA
 PCP RATIO

0.547

VIBRATION

COMP	1.8
TURB	1.5

4/13/2017

FJ TURBINE POWER, INC

FAA REPAIR STATION F7JR192Y

JT8D

Page 24

MODEL JT8D-217A S/N 708505 W.O. 5002069

CUSTOMER

J.E.T.

T7
1. 956 F

COND MAX.CR.

2. 903 F

3. 931 F CALCULATED AVG.
957 F

4. 988 F

5. 974 F

6. 1005 F

EGT SPREAD
EGT LO ~~903~~ ~~0~~ EGT HI ~~1005~~ ~~00~~ EGT SPREAD ~~102~~ ~~0~~
CHN216 CHN217

7. 940 F

8. 960 F

DATE 04/13/17

FJ TURBINE POWER, INC FAA #F7JR192Y JT8D-200 ENGINE TEST FROM PAGE 26
 THIS DATA HAS BEEN CORRECTED BY USING CORRECTED PT2 PER CMS TABLE NO. 1424 EQUATION 2
 (CURVE 1891-2)

MODEL: JT8D-217A S/N: 708505 WO: 5002069 CUST: J.E.T. *C. BAND.*
 CIT

26	°C
78	°F

 EGT

494	°C
921	°F

 T7 TIME @ TEMP

0

 THRUST

14399

 LBS CORR. EPR

1.651

N1 %

82.01

 N1 RPM

6,743

 N2 %

91.96

 N2 RPM

11,263

CORRECTED DATA

N1	6630
Fn	14899
N2	11061
EGT	467 °C
Wf	7221
TSFC	0.485

CORR. PT2

30.13

 HGA
 PT2 AVG (CELL)

-1.60

 "H2O
 PT7

49.73

 HGA

TIMER

MAIN OIL

47

 PSIG MAIN FUEL

20

 PSIG
 BREATHER

0.7

 "HG FUEL FLOW

7477

 PPH
 OIL IN

202	°F
94	°C

 FUEL IN

77

 °F
 OIL OUT

304

 °F PS4

200.8

 PSIA PS3

160.6

 HGA
 CELL TEMP

78

 °F BAROMETER

30.19

 "HG

VIBRATION

COMP	1.2
TURB	2.2

CORR. Ps3/Pt2

5.332

 CORR. Ps4/Pt2

13.569

 PCP

110.6

 PSIA
 PS3

78.9

 PSIA
 PCP RATIO

0.551

4/13/2017

FJ TURBINE POWER, INC FAA #F7JR192Y JT8D-200 ENGINE TEST FROM PAGE 26
THIS DATA HAS BEEN CORRECTED BY USING CORRECTED PT2 PER CMS TABLE NO. 1424 EQUATION 2
(CURVE 1891-2)

MODEL: JT8D-217A S/N: 708505 WO: 5002069 CUST: J.E.T.
IDLE
 CIT °C EGT °C
 °F °F T7 TIME @ TEMP THRUST LBS CORR. EPR

CORRECTED DATA

N1	2100
Fn	1177
N2	6544
EGT	367 °C
Wf	929
TSFC	0.790

CORR. PT2 HGA
 PT2 AVG (CELL) "H2O
 PT7 HGA

N1 % N1 RPM
 N2 % N2 RPM
 TIMER
 MAIN OIL PSIG MAIN FUEL PSIG
 BREATHER "HG FUEL FLOW PPH
 OIL IN °F FUEL IN °F
 °C
 OIL OUT °F PS4 PSIA PS3 HGA
 CELL TEMP °F BAROMETER "HG

VIBRATION

COMP	0.2
TURB	0.4

CORR. Ps3/Pt2
 CORR. Ps4/Pt2
 PCP PSIA
 PS3 PSIA
 PCP RATIO

4/13/2017

FJ TURBINE POWER, INC FAA #F7JR192Y JT8D-200 ENGINE TEST FROM PAGE 26
THIS DATA HAS BEEN CORRECTED BY USING CORRECTED PT2 PER CMS TABLE NO. 1424 EQUATION 2
(CURVE 1891-2)

MODEL: JT8D-217A S/N: 708505 WO: 5002069 CUST: J.E.T. **REVERSE.**
 CIT °C EGT °C
 °F °F T7 TIME @ TEMP THRUST LBS CORR. EPR

N1 % N1 RPM
 N2 % N2 RPM

CORRECTED DATA

N1	<input type="text" value="7407"/>
Fn	<input type="text" value="20050"/>
N2	<input type="text" value="11634"/>
EGT	<input type="text" value="531"/> °C
Wf	<input type="text" value="10237"/>
TSFC	<input type="text" value="0.511"/>

CORR. PT2 HGA
 PT2 AVG (CELL) "H2O
 PT7 HGA

TIMER

MAIN OIL PSIG MAIN FUEL PSIG
 BREATHER "HG FUEL FLOW PPH
 OIL IN °F FUEL IN °F
 °C
 OIL OUT °F PS4 PSIA PS3 HGA
 CELL TEMP °F BAROMETER "HG

VIBRATION

COMP	<input type="text" value="1.4"/>
TURB	<input type="text" value="1.5"/>

CORR. Ps3/Pt2
 CORR. Ps4/Pt2
 PCP PSIA
 PS3 PSIA
 PCP RATIO

4/13/2017

BLEED VALVE SCHEDULE

MIN LIMIT	67.7	CHN223	PS4	0.00	PSIG
MAX LIMIT	73.3	CHN224	PS3	5.90	PSIG
OPEN @	70.2	CHN225	PS3	42.1	HGA
CLOSED @	72.1	CHN226			

DATE 04/13/17

MODEL JT8D-217A S/N 708505 W.O. 5002069 CUSTOMER J.E.T.

ACCELERATION TIME CHECK

N2 RPM PERCENT 95.10

PERCENT RPM

0 10 20 30 40 50 60 70 80 90 100

TIME 5.0

DATE 04/13/17

TIME OF DAY 12:47:54

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BORESCOPE REPORT



JET ENGINE TECHNOLOGY CORP.
FAA No. J9GR1140

JT8D-200 BORESCOPE INSPECTION REPORT

WORK ORDER:	2017-447	DATE:	14-APR-2017	A/C S/N/:	N/A
CUSTOMER:		ESN:	708505	A/C TYPE:	N/A
MODEL #:	JT8D-217A	LOCATION:	AT JET ENGINE TECHNOLOGY		
WORK REQUEST:	BORESCOPE INSPECTION FOR GENERAL CONDITION				
REASON:	POST TEST CELL INSPECTION				
TECHNICIAN(S):	BY RENZO CABRERA				



ACCESS:	AREA OF INSPECTION:	NOTES:	DATE:	C/W BY:
INLET CASE	INLET CASE AND DUCT AREA	NO DAMAGE NOTED DURING VISUAL INSPECTION.	14-APR-2017	
INLET CASE	C-1 BLADES (34 EA)	NO DAMAGE NOTED DURING VISUAL INSPECTION.	14-APR-2017	
INTERMEDIATE PORT (LH)	C-6 BLADES (60 EA)	NO DAMAGE NOTED DURING BORESCOPE INSPECTION.	14-APR-2017	
INTERMEDIATE PORT (LH)	C-7 BLADES (60 EA)	NO DAMAGE NOTED DURING BORESCOPE INSPECTION.	14-APR-2017	
IGNITER PORT/ DIFFUSER (LH)	C-13 BLADES (74 EA)	NO DAMAGE NOTED DURING BORESCOPE INSPECTION.	14-APR-2017	



JET ENGINE TECHNOLOGY CORP.
FAA No. J9GR1140

JT8D-200 BORESCOPE INSPECTION REPORT

WORK ORDER:	2017-447	DATE:	14-APR-2017	A/C S/N:	N/A
CUSTOMER:		ESN:	708505	A/C TYPE:	N/A
MODEL #:	JT8D-217A	LOCATION:	AT JET ENGINE TECHNOLOGY		
WORK REQUEST:	BORESCOPE INSPECTION FOR GENERAL CONDITION				
REASON:	POST TEST CELL INSPECTION				
TECHNICIAN(S):	BY RENZO CABRERA				

ACCESS:	AREA OF INSPECTION:	NOTES:	DATE:	C/W BY:
IGNITER PORT/ DIFFUSER (LH)	COMBUSTION CHAMBER(S) AND FUEL NOZZLE(S)	NO DAMAGE NOTED DURING BORESCOPE INSPECTION.	14-APR-2017	
IGNITER PORT/ DIFFUSER (LH)	CC OUTLET DUCTS	NO DAMAGE NOTED DURING BORESCOPE INSPECTION.	14-APR-2017	
IGNITER PORT/ DIFFUSER (LH)	N.G.V. (T-1 VANES)	NO DAMAGE NOTED DURING BORESCOPE INSPECTION.	14-APR-2017	
IGNITER PORT/ DIFFUSER (LH)	T-1 BLADES 80 EA 217A	NO DAMAGE NOTED DURING BORESCOPE INSPECTION.	14-APR-2017	
LPT BORESCOPE PORT (LH)	T-1 BLADES (REAR) 80 EA 217A	NO DAMAGE NOTED DURING BORESCOPE INSPECTION.	14-APR-2017	
LPT BORESCOPE PORT (LH)	T-2 BLADES (78 EA)	NO DAMAGE NOTED DURING BORESCOPE INSPECTION.	14-APR-2017	
EXHAUST CASE	T-4 BLADES (58 EA)	NO DAMAGE NOTED DURING VISUAL INSPECTION.	14-APR-2017	
EXHAUST CASE	EXHAUST AREA AND OUTER FAN DUCTS	NO DAMAGE NOTED DURING VISUAL INSPECTION.	14-APR-2017	



JET ENGINE TECHNOLOGY CORP.
FAA No. J9GR1140

JT8D-200 BORESCOPE INSPECTION REPORT

WORK ORDER:	2017-447	DATE:	14-APR-2017	A/C S/N:	N/A
CUSTOMER:		ESN:	708505	A/C TYPE:	N/A
MODEL #:	JT8D-217A	LOCATION:	AT JET ENGINE TECHNOLOGY		
WORK REQUEST:	BORESCOPE INSPECTION FOR GENERAL CONDITION				
REASON:	POST TEST CELL INSPECTION				
TECHNICIAN(S):	BY RENZO CABRERA				

VISUAL AND BORESCOPE INSPECTIONS OF ENGINE WAS CARRIED OUT USING THE JT8D-200 ENGINE MANUAL P/N 773128.





ACCESSORY INVENTORY

WORK ORDER: <u>2017-447</u>	JET ENGINE TECNOLOGY CORP FAA CRS J9GR1140 JT8D-200 QEC ACCESSORY INVENTORY	MODEL: <u>JT8D- 217A</u> ESN: <u>708505</u>
INCOMING() OUTGOING (X)		

- Record part numbers and serial numbers. If part data plate is missing, state so in the Remarks block.
- Each Item must be filled out (if applicable)

Abbreviations: N/R - Not Received N/A - Not Applicable N/I - Not Installed N/V- Not Visible
O/H - Overhaul B/C - Bench Check C/T - Continued Time INST- Installed

COMPONENT	PART NUMBER	SERIAL NUMBER	CONDITION	REMARKS
Fuel Control for: JT8D-209 (769606-5) JT8D-217 (769606-6/-7) JT8D-217A Pre SB 5871R3 (769606-8) Post SB 5871R3 (769606-14/-16) JT8D-217C/-219 Pre SB 5863R3 (769606-9/-11/-12) Post SB 5863R3 & 5871R3 (769606-13/-15)	769606-8	A5515	C/T	Installed Solenoid ARTS: Yes ___ No ___ IDLE: Yes ___ No ___
Fuel Control Linkages	/	/	C/T	1 ___ or 2 <u>X</u>
Fuel Pump (P/N 384300) (P/L 384301-7/8/10)	384300	7946	C/T	
Fuel Heater (745608)	745608	B0443	C/T	
Fuel Filter Differential Switch (42D185) (457574)	42D185	1850	C/T	
Fuel Oil Cooler (548003) (749965)	749965	SM9092	C/T	
Fuel Flow Transmitter (8TJ85GCG2) (V97424)	8TJ85GCG2	0807M	C/T	
Main Accessory Gearbox (758300) (779150) (823271)	758300	FZ2616	C/T	Data Plate: ESN: <u>708505</u> JT8D: <u>-217A</u>
Engine Oil Tank (565016)	565016	BK15	C/T	

WORK ORDER: <u>2017-447</u>	JET ENGINE TECHNOLOGY CORP FAA CRS J9GR1140 JT8D-200 QEC ACCESSORY INVENTORY	MODEL: <u>JT8D- 217A</u> ESN: <u>708505</u>
INCOMING() OUTGOING (X)		

- Record part numbers and serial numbers. If part data plate is missing, state so in the Remarks block.
- Each Item must be filled out (if applicable)

Abbreviations: N/R - Not Received N/A – Not Applicable N/I - Not Installed N/V- Not Visible
O/H – Overhaul B/C - Bench Check C/T - Continued Time INST- Installed

COMPONENT	PART NUMBER	SERIAL NUMBER	CONDITION	REMARKS
Oil Quantity Transmitter (8TJ92GAA2) (8TJ146AAP1) (V97424) (7958520-501) (7958520-503)	7958520-503	4041T	C/T	
P&D Valve (766342)	766342	6157191	C/T	
8 th Stage PRBC (783955) (783955-001) (790312)	790312	6152097	C/T	
6th Stage PRBC (805373) (805373-001)	N/I	N/I	N/I	
Bleed Valve Control Assembly (5000047-01)	5000047-01	TK0043	C/T	
Start Bleed Valve Control Assembly (1058V0100) (1058V0400) (1058V0400-1) (1058V0400-2) (1058V0600)	N/I	N/I	N/I	
Ignition Exciter (Single Unit) (10-353875-4)	N/I	N/I	N/I	
Ignition Exciter 1 (Dual Unit) (49988) (49965) (9045000-1) (10-614500-1)	9045000-1	85GCAM6705	C/T	
Ignition Exciter 2 (Dual Unit) (49988) (49965) (9045000-1) (10-614500-1)	49988	4354	C/T	

WORK ORDER: <u>2017-447</u>	JET ENGINE TECNOLOGY CORP FAA CRS J9GR1140 JT8D-200 QEC ACCESSORY INVENTORY	MODEL: <u>JT8D- 217A</u> ESN: <u>708505</u>
INCOMING() OUTGOING (X)		

- Record part numbers and serial numbers. If part data plate is missing, state so in the Remarks block.
- Each Item must be filled out (if applicable)

Abbreviations: N/R - Not Received N/A – Not Applicable N/I - Not Installed N/V- Not Visible
O/H – Overhaul B/C - Bench Check C/T - Continued Time INST- Installed

COMPONENT	PART NUMBER	SERIAL NUMBER	CONDITION	REMARKS
Right High Tension Lead (10-700336-1) (430933)	INST	INST	INST	
Left High Tension Lead (10-700335-1) (430932)	INST	INST	INST	
Spark Igniters	/	/	C/T	1 ___ or 2 <u>X</u>
Right Hand Anti-ice Valve (320115) (421495) (421495-1) (V79318) (7958513-507)	320115	28335	C/T	
Left Hand Anti-ice Valve (320115) (421495) (421495-1) (V79318) (7958513-507)	320115	20733	C/T	
Fuel Heater De-icing Valve (320115) (421495) (421495-1) (V79318) (7958513-507)	320115	19760	C/T	
Nose Cowl Anti-ice Valve (320115) (421495) (421495-1) (V79318) (7958513-507)	320115	13097	C/T	
Low Oil Pressure Switch (42D110) (V09049) (7958522-501)	7958522-501	5844	C/T	
Oil Differential Switch (42D109-1A) (V09049) (7958522-507)	7958522-507	1617	C/T	

WORK ORDER: <u>2017-447</u>	JET ENGINE TECNOLOGY CORP FAA CRS J9GR1140 JT8D-200 QEC ACCESSORY INVENTORY	MODEL: <u>JT8D- 217A</u> ESN: <u>708505</u>
INCOMING() OUTGOING (X)		

- Record part numbers and serial numbers. If part data plate is missing, state so in the Remarks block.
- Each Item must be filled out (if applicable)

Abbreviations: N/R - Not Received N/A – Not Applicable N/I - Not Installed N/V- Not Visible
O/H – Overhaul B/C - Bench Check C/T - Continued Time INST- Installed

COMPONENT	PART NUMBER	SERIAL NUMBER	CONDITION	REMARKS
Oil Pressure Transmitter (418-00044) (V14140) (VT0304F)	418-00044	3221053	C/T	
Oil Temperature Sensor (56B17) (V35918)	102-00002	170047	C/T	
Fuel Temperature Sensor (56B17) (V35918)	102-00002	52283	C/T	
Low Fuel Pressure Warning Switch (8G441-1) (7958523-505) (V09049) (1103P0281) (V9U286)	8G441-1	197	C/T	
N-1 Tachometer (2CM9ABH7) (7958528-1) (V97424)	2CM9ABH7	AA1AA	C/T	
N-2 Tachometer (2CM9ABH7) (7958528-1) (V97424)	2CM9ABH7	X0837	C/T	
Generator (976J252-6) (V83843)	976J252-8	WF4767	C/T	
CSD Transmission Unit (696233B) (V99167)	696233B	55	C/T	
CSD Oil Cooler (B18D18) (V89513)	B18D18	01841585	C/T	
Engine Starter (383342-1-1) (383342-14) (V99193)	383342-2-1	9967	C/T	

WORK ORDER: <u>2017-447</u>	JET ENGINE TECNOLOGY CORP FAA CRS J9GR1140 JT8D-200 QEC ACCESSORY INVENTORY	MODEL: JT8D- <u>217A</u> ESN: <u>708505</u>
INCOMING() OUTGOING (X)		

- Record part numbers and serial numbers. If part data plate is missing, state so in the Remarks block.
- Each Item must be filled out (if applicable)

Abbreviations: N/R - Not Received N/A – Not Applicable N/I - Not Installed N/V- Not Visible
O/H – Overhaul B/C - Bench Check C/T - Continued Time INST- Installed

COMPONENT	PART NUMBER	SERIAL NUMBER	CONDITION	REMARKS
Engine Starter Control Valve (979410-4/-5/-6) (392796-2-2) (V70210) (7958519-507) (392796-5-1/-6-1) (V59364)	979410-4	43356	C/T	
Hydraulic Pump (AS66411L-S666) (V62983) (7912831-5503)	AS66411L-S666	MX133238-R	C/T	
Thermostatic Valve Regulator (392550-2-1) (7958524-501) (392550-3-1) (7958524-503) (V99193) (392550-4) (7958524-505) (V59364) (392550-5) (7958524-507) (V7X000)	392550-2-1	4511	C/T	
8 th Stage Pneumatic Check Valve (123562-2-1) (123562-4-1) (V99193) (7958512-505)	N/I	N/I	N/I	
Fire Detector Loop (5958570-1)	INST	INST	INST	
Fire Barrier Upper (5938323-503) (5938323-504) (5938323-505) (5938323-506)	5938323-507	07-0094	C/T	

WORK ORDER: <u>2017-447</u>	JET ENGINE TECNOLOGY CORP FAA CRS J9GR1140 JT8D-200 QEC ACCESSORY INVENTORY	MODEL: <u>JT8D- 217A</u> ESN: <u>708505</u>
INCOMING() OUTGOING (X)		

1. Record part numbers and serial numbers. If part data plate is missing, state so in the Remarks block.
2. Each Item must be filled out (if applicable)

Abbreviations: N/R - Not Received N/A – Not Applicable N/I - Not Installed N/V- Not Visible
O/H – Overhaul B/C - Bench Check C/T - Continued Time INST- Installed

COMPONENT	PART NUMBER	SERIAL NUMBER	CONDITION	REMARKS
Fire Barrier Lower (5938323-503) (5938323-504) (5938323-505) (5938323-506)	5938323-504	09-0227	C/T	
Exhaust Case Speed Data Plate	RPM: <u>11,061</u>	Percentage: <u>90.33%</u>	INST	
Main Electrical Harness (5938354-511) (5938354-515) (5938354-531)	INST	INST	INST	
Thrust Reverser (5938050-503) (5938050-507)	N/I	N/I	N/I	
Front Vibration Pick – Up	N/I	N/I	N/I	
Rear Vibration Pick – Up	N/I	N/I	N/I	
Nose Cone	N/I	N/I	N/I	
Nose Cowl	N/I	N/I	N/I	
Generator Cooling Duct	INST	INST	INST	
CSD Cooling Duct	INST	INST	INST	
Starter Duct	N/I	N/I	N/I	
Engine Starter Outlet Duct	N/I	N/I	N/I	

WORK ORDER: <u>2017-447</u>	JET ENGINE TECNOLOGY CORP FAA CRS J9GR1140 JT8D-200 QEC ACCESSORY INVENTORY	MODEL: <u>JT8D- 217A</u> ESN: <u>708505</u>
INCOMING() OUTGOING (X)		

- Record part numbers and serial numbers. If part data plate is missing, state so in the Remarks block.
- Each Item must be filled out (if applicable)

Abbreviations: N/R - Not Received N/A – Not Applicable N/I - Not Installed N/V- Not Visible
O/H – Overhaul B/C - Bench Check C/T - Continued Time INST- Installed

COMPONENT	PART NUMBER	SERIAL NUMBER	CONDITION	REMARKS
8 th Stage Saddle Duct	INST	INST	INST	
Pneumatic Check Valve Supply Duct	N/I	N/I	N/I	
Pneumatic Check Valve Dome Cap	INST	INST	INST	
13 th Stage Saddle Duct	INST	INST	INST	
13 th Stage Manifold Supply Duct	INST	INST	INST	
CSD Cooler Hoses	INST	INST	INST	
Hydraulic Pump Hoses	INST	INST	INST	
Transformer Junction Box	INST	INST	INST	

IF KNOWN, SELECT THE AIRCRAFT MODEL AND ENGINE POSITION OF QEC

Boeing Super 727 ()	MD-80 (X)	
1 Position ()	2 Position (X)	3 Position ()
N/A TO ENGINE BARE CONFIGURATION ()		

Name JORGE CALVO

Signature/Stamp: 



Date: OCT-09-2017