

AEROTHRUST CORPORATION

TECHNICAL DOCUMENTATION

FOR

THE REPAIR

OF

ENGINE TYPE: JT8D-17A

SERIAL NO.: 709495

THIS ENGINE HAS BEEN REPAIRED BY AEROTHRUST CORPORATION

FOR AND ON BEHALF OF: CAYMAN AIRWAYS, LTD.

CUSTOMER ORDER NO. : 58714

PREPARED BY:

Haydee Montepeque
NAME: Haydee Montepeque
ENGINE RECORDS DEPARTMENT
QUALITY ASSURANCE
(305) 526-7365

DATE: 06/05/07

AEROTHRUST

SUMMARY OF TECHNICAL DOCUMENTATION

FOR

THE REPAIR OF

WORK ORDER #: 58714

ENGINE TYPE: JT8D-17A

SERIAL NO.: 709495

This package contains the following items marked (X):

- 1. APPROVED RETURN TO SERVICE FAA FORM 337
- 2. LIFE LIMITED PARTS (DISK LIST)
- 3. AIRWORTHINESS DIRECTIVE COMPLIANCE
- 4. QEC ACCESSORY INVENTORY
- 5. HPC PLATING/COATING STATUS PER ASB 6431/ASB 6435
- 6. SERVICE BULLETIN COMPLIANCE REPORT
- 7. ENGINE TEST AND PERFORMANCE DATA SHEETS
- 8. REMOVAL INVESTIGATION EXAMINATION & EVALUATION OR CONDITION REPORT
- 9. 8130-3 (RETURN TO SERVICE)
- 10. CUSTOMER REQUIREMENTS
- 11. DISK TRACE
- 12. POST-TEST VIDEO BORESCOPE



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

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make	Model
	Serial No.	Nationality and Registration Mark
2. Owner	Name (As shown on registration certificate)	Address (As shown on registration certificate)
	CAYMAN AIRWAYS, LTD.	

3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				
POWERPLANT	PRATT & WHITNEY	JT8D-17A	709495	X	
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
AEROTHRUST CORPORATION P.O. BOX 522236 MIAMI, FLORIDA 33152	<input type="checkbox"/> U.S. Certificated Mechanic	U9ER188X
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 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.

Date	Signature of Authorized Individual
05 JUNE 2007	CRUZ JESSICA HERNANDEZ

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual		
05 JUNE 2007	U9ER188X	CRUZ JESSICA HERNANDEZ		

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.)

ENGINE SERIAL NUMBER 709495, CONT'D. FROM PREVIOUS PAGE. 06/05/07.

*SERVICE BULLETINS INCORPORATE AIRWORTHINESS DIRECTIVES.

THE FOLLOWING A.D. NOTES WERE COMPLIED WITH: AD91-24-14, AD96-23-14, AD2003-05-07, AD2003-12-07 (C-10 AND C-12 DISKS ONLY), AD2005-25-05, AND AD2006-17-07:R1 (8-9 SPACER, C-10 AND C-12 DISKS ONLY).

THE ENGINE WAS TESTED AND ACCEPTED WITH THE FOLLOWING SLAVE COMPONENTS INSTALLED.

1.) EXCITER BOX	P/N 10-353875-4	S/N 83686
2.) P.R.B.C.	P/N 658385	S/N 6152889
3.) FUEL OIL COOLER	P/N 749965	S/N 6008780

ACCEPTANCE OF ONLY THE CORE ENGINE AND ORIGINAL REPLACED CUSTOMER COMPONENTS ARE CERTIFIED BY THIS DOCUMENT.

NOTE: THE ENGINE WAS PRESERVED PER LEVEL 4 PRESERVATION - 4.0 GALLONS CASTROL BRAYCO #460 - MIL - PRF - 6081D, GRADE 1010.

PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER 58714.

TSN: 38,717.07

CSN: 41,663

-----END-----

Additional Sheets Are Attached



FAA Authorized Repair Station #U9ER188X

W/O: 58714

JT8D-17A

DATE: 06/05/2007

TSN: 38,717.07

CSN: 41,663

Customer Name: CAYMAN AIRWAYS, LTD.

ESN: 709495

Life Limited Parts Record

As Received													As Shipped												
Dsk Stg	Part Number	Serial Number	Hour Limit	Cycle Limit	Hours Flown	Cycles Flown	Hours Remain	Cycles Remain	Hour Limit	Cycle Limit	Hours Flown	Cycles Flown	Hours Remain	Cycles Remain	COND-ITION										
LOW COMPRESSOR MODULE																									
C1	848101	BBDUAY7198	N/A	20000	8849.85	8385	N/A	11615	N/A	20000	8849.85	8385	N/A	11615	C/T										
C1.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A										
C2	790832	BBDUAU9028	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	C/T										
C3	799773	BBDUAS5714	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	O/H										
C4	799504	BBDUAY0353	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	C/T										
C5	745705	BBDUAW8262	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	C/T										
C6	745706	BBDUAW8608	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	C/T										
HIGH COMPRESSOR MODULE																									
C7	5006007-022	BENCAMB498	30000	20000	14466.65	13398	15533.35	6602	30000	20000	14466.65	13398	15533.35	6602	C/T										
C8	815808-002	BENCAR5869	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	C/T										
C9	815709-002	BENCAR2380	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	C/T										
C10	815610-002	BENCAR6508	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	O/H										
C11	815611-002	BENCAN4862	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	C/T										
C12	815612-002	BENCAR7230	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	O/H										
C13	5003613-01	BBDUAW5825	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	C/T										
HIGH TURBINE MODULE																									
T1	856401	BKLBCL7148	N/A	20000	8849.85	8385	N/A	11615	N/A	20000	8849.85	8385	N/A	11615	C/T										
N2 SHT	698604-118	K26204	N/A	21000	N/A	8384	N/A	12616	N/A	21000	N/A	8384	N/A	12616	C/T										
LOW TURBINE MODULE																									
T2	5004022-01	BLDLCY4369	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	O/H										
T3	5003103-01	BLDLCK9974	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	C/T										
T4	5003104-01	BLDLB44077	30000	20000	8849.85	8385	21150.15	11615	30000	20000	8849.85	8385	21150.15	11615	C/T										
N1 SHT	5003540-022	K80872	N/A	20000	N/A	13398	N/A	6602	N/A	20000	N/A	13398	N/A	6602	O/H										
Data for all disks not replaced was provided by the customer. Remarks: All documentation for disks replaced is on file at AeroThrust																									
Signature: <i>[Signature]</i>																									

JT8D-1 thru -17AR

AeroThrust Corporation

Work Order: 58714

Model: JT8D-17A

Airworthiness Directive Compliance

Customer CAYMAN AIRWAYS, LTD.

Records








ESN: 709495

Total Time: 38,717.07		Total Cycles: 41,663		Date: 06/05/07		
AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
70-02-02 Amdt. 39-969	6 th Stage Compressor Disk - Remove rotor disks, with serial numbers contained in AD Note.	(-1 thru -17AR)			ATI 153 4	745706 -BBDUAW8608
70-11-03 Amdt. 39-993	6 th Stage Compressor Disk - Remove P/N 586906 disks involved in 6 th Stage blade failures.	(-1 thru -17R)			ATI 153 3	745706 -BBDUAW8608
70-25-08 Amdt. 39-1084	7 th Stage Compressor Disk - Replace P/N 500507 prior to 2300/2700 cycles. Ref ASB 2817:R1	(-1 thru -17AR)			ATI 153 3	5006007-022 -BENCAM8498
70-26-05 Amdt. 39-1131	1 st Stage Compressor Blades - Inspect P/N 487801, 511901 change letter L or earlier, 594601 and 616601 change letter B for earlier to tool marks in radius. Ref ASB 3580:R2	(-1 thru -17AR)			ATI 153 3	805431
71-07-01 Amdt. 39-1279	Compressor Front Hubs - Inspect P/N 504101 and 515201 for cracks and lack of shotpeening. Ref ASB 2944:R12	1,1A,7,7A (7B)			ATI 153 1	848101 -BBDUAY7198 Engine is -17A P/N Unk
71-25-07 Amdt. 39-1354	Fuel Nozzle Support Assemblies - Modify PN's 480735, 493332, 501725, and 523476, prior to 6000 hours I/A/W SB 3536:R2 or replace with superseding.	1,1A,7,7A,9,11 (7B,9A)			ATI 153 1	Engine is -17A

Records

Airworthiness Directive Compliance

ESN: 709495

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
75-01-01 Amdt. 39-2358	#2 Hub & Low Turb Shaft - Inspect per ASB 4357:R3, SB 2452:R13 and SB 4193:R7. Method of Compliance: Spline EC per SB 2452:R13 <input type="checkbox"/> or incorporate thick shaft S/B 2550:R2 <input type="checkbox"/> or S/B 4187:R9 <input type="checkbox"/> Repetitive Inspection Required: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	1, 1A, 7, 7A (7B)				5003540-022 -K80872
75-05-06 Amdt. 39-2099 39-2604 39-2814	Fuel Manifold "B" Nuts - Quadruple torque "B" nuts on fuel manifold P/N's 629141, 629148, 629154, 629155, 735780 and 735781 ASB 4389:R11. Method of Compliance: Torqued per ASB 4389:R11 or OHM Rev. 78 or later. Torque procedures added to Engine Manual. No repetitive inspection required. Note: AD applicable Post SB 2722, Pre SB 4484 ONLY.	(-1 thru -17AR)				Engine is -17A P/Ns Unk N/A Post SB-4484 Ref: Cayman Airways AD form dated 20/12/06
76-12-06 Amdt. 39-2639	2 nd Stage Fan Pin, Rivet & Bushing - Replace pin P/N 520456, with pin P/N 758242. Ref SB 4555:R4	9, 11, 15, 17 (9A)				758242 Engine is -17A
76-20-02 Amdt. 39-2734	2 nd Stage Fan Blade Retaining Strap and Bumper - Inspect retaining strap per OHM Rev. 78 or later. Install bumper P/N 642409. Ref SB 2406:R9	1, 1A, 1B, 7, 7A, 7B				805202 Blades 804306P10 (Bumper) Engine is -17A
76-24-01 Amdt. 39-2910	8 th Stage Compressor Disk - Remove disk P/N 496908 prior to 6000 cycles since new.	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11				815808-002 -BENCAR5869 Engine is -17A
77-03-06 Amdt. 39-2828	Front Compressor Front Hub - Inspect/Replace Hub P/N 504101 per S/N's listed in ASB 4661:R2.	1, 1A, 1B, 7, 7A, 7B				848101 -BBDUAY7198 Engine is -17A
77-07-11 Amdt. 39-2872	4 th Stage Turbine Stator and Rotor Parts- Inspect/Replace parts to preclude interference of affected engine serial numbers listed in AD Note.	9, 9A				785774-012 806254-004 Engine is -17A

Records

Airworthiness Directive Compliance

ESN: 709495

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
77-16-12 Amdt. 39-3008	#4 ½ Bearings - Remove from Service bearings P/N 707007, S/N's 800 through 999 and 100A through 214A CAUTION: REMOVE ALL P/N 707007 BEARINGS FROM SERVICE PER ASB 5822. Ref ASB 4639:R2	1,1A,1B,7,7A, 7B,9,9A,11,15, 17			ATI 153	735014 -O-1381
78-17-02 Rev. 3 Amdt. 39-4818	Front Compressor Front Hub - Inspect hub P/N's 594301, 640601, 743301, 749801, 750101 and 791801 for cracks in blade slots at designated inspection intervals per Ref ASB 4841:R6.	9,9A,11,15, 15A,17,17A, 17R,17AR			ATI 153	Engine is -17A 848101 -BBDUAY7198
78-23-12 Amdt. 39-3315	3 RD Stage Turbine Blade Rivets - Replace P/N 618681 with P/N 759351 per SB 4592:R3 prior to 06/30/80. Method of Compliance: Replace affected P/N's: Ref SB 4592:R3	1,1A,1B,7,7A, 7B,9,9A (11,15,17)			ATI 153	P/N Unk Engine is -17A
80-11-03	AD 80-11-03 has been Superseded by AD 87-14-01					No entry required on form.
80-15-51 Amdt. 39-3898	8 th Stage Rear Compressor Front Hubs - Ultrasonic or fluorescent inspect hubs P/N's 690908, 701308, 717608, 717708 and 738308, which contain balance cuts, for cracks I/A/W schedule contained in AD and ASB 5154:R3.	1,1A,1B,5,7, 7A,7B,9,9A,11, 15,17,17R			ATI 153	815808-002 -BENCAR5869 Engine is -17A
81-08-02	AD 81-08-02 has been Superseded by AD 95-16-07					No entry required on form.
84-16-03	AD 84-16-03 has been Superseded by AD 85-19-51					No entry required on form.
T85-17-51	AD T85-17-51 has been Superseded by AD 86-09-02					No entry required on form.
85-19-51 Rev. 1 Amdt. 39-5168	2 nd Stage Turbine Disk - Inspect disk detail P/N's 676802, 770602, 780502, 786802 and 787302 and Assembly P/N's 676822, 769832, 786822, 787232 and 769722 for wear and cracking of snap diameter and bottom of disk air seal groove I/AW ASB 5541:R2. Repair disk and modify the mating 3 rd stage turbine air seal I/AW SB 5510:R4. Method of Compliance: Inspect per ASB 5541:R2 & Repair/Modify per SB 5510:R4 <input type="checkbox"/> Repetitive Inspection Required: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	15,17,17R Note: SB 5510 (1,1A,7,7A,7B, 9,9A,11)			ATI 153	5004022-01 -BLDLCY4369 Engine is -17A

Records

Airworthiness Directive Compliance

ESN: 709495

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
86-02-52 Rev. 1 Amdt. 39-5264	Combustion Chambers - Inspect C/C overhauled by AeroThrust Corp. from ESN's listed in AD Note. See AD 86-09-02. Ref ASB 5639:R10	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR				If AD 86-09-02 is C/W or PCW NO entry required on form
86-04-01	AD 86-04-01 has been superseded by AD 87-11-07					No entry required on form.
86-08-04 Rev. 1 Amdt. 39-5424	A. HPC Spacers - Replace removable sleeve type spacers I/A/W ASB 5649:R3 Method of Compliance: Replace affected spacer: 7-8 <input type="checkbox"/> 8-9 <input type="checkbox"/> 9-10 <input type="checkbox"/> 10-11 <input type="checkbox"/> 11-12 <input type="checkbox"/> 12-13 <input type="checkbox"/> B. No repetitive inspection required.	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR				821915 - TG0912 821917 - PN9358 821920 - HJ7300 821923 - DB7153 821924 - HE6594 773173 - CL9509
86-09-02 Rev. 2 Amdt. 39-9385	Combustion Chambers - Inspect all C/C other than P/N 5001958-02, 5001958-022, 5001959-02 and 5001959-022 I/A/W ASB 5639:R10. Method of Compliance: Incorporate Category - 1A <input type="checkbox"/> 1B <input type="checkbox"/> 2A <input type="checkbox"/> 2B <input type="checkbox"/> 3 <input type="checkbox"/> Condition: New <input type="checkbox"/> OH <input type="checkbox"/> CTVI <input checked="" type="checkbox"/> CTRep <input type="checkbox"/> BS <input type="checkbox"/> ECM limits Yes <input type="checkbox"/> No <input type="checkbox"/> Note: OH Includes X-Ray. Repetitive Inspection Required: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Re-inspection Next Due: TT _____ TC _____	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR				5001958-022 5001959-022 5001958-02
87-11-07	AD 87-11-07 has been superseded by AD 96-23-14					No entry required on form.

Records

Airworthiness Directive Compliance

ESN: 709495

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
87-14-01 Rev. 1 Amdt. 39-5641 39-6359	2 nd Stage Fan Blade - Ultrasonic & FPI inspect for cracked blades P/N's 433802 Assy; 645902 (Assy 645732); 678102 (Assy 676222); 695932 Assy; 746402 (Assy 745532); 759902 (Assy 759922) Method of Compliance: P&WA ASB 5729:R2 Repetitive Inspection Required: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> Note: If blade found cracked, report findings to FAA.	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 17			ATI 153	805202
T89-05-52	AD T89-05-52 has been superseded by AD 94-25-07					
89-24-02 Amdt. 39-6365	1 st Stage Stator Spacer Protrusion - VI for UAL spacer protrusion into air flow. Spacer Incorporation: YES <input type="checkbox"/> NO <input type="checkbox"/>	7, 7A, 7B			ATI 153	5005951-01 -PG0873
89-25-11 Amdt. 39-6352	Replace 1 st fan blade retaining plate P/N's 520451, 616645, 639616, 760297, 793935 or 802710 with P/N 803996. Ref ASB 5841:R0. Method of Compliance: Replace affected retaining plates. Note: P/N 808145 supersedes P/N 803996 per SPB P1989	9, 9A, 11, 15, 15A, 17, 17A, 17AR, 17R			ATI 153	808145 -A562
91-24-14 Amdt. 39-8101	Counterfeit #4 ½ Bearing Seal Spacers - Inspect all uninstalled spacers P/N 525961 per SIB 91-11.	7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17AR, 17R	ATI 153			525961 -555
92-10-05	AD 92-10-05 has been superseded by AD 94-20-09					
93-06-05	AD 93-06-05 has been superseded by AD 94-20-08					
93-14-14	AD 93-14-14 has been superseded by AD 95-10-10					
94-14-16	AD 94-14-16 has been superseded by AD 95-02-16					
94-20-01	AD 94-20-01 has been superseded by AD 98-12-07					
94-20-08	AD 94-20-08 has been superseded by AD 97-19-14					

Records

Airworthiness Directive Compliance

ESN: 709495

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
94-25-07 Amdt. 39-9091 Part I	<p>Combustion Chamber Outer Case - Inspect P/N's 796761, -002, -003, 805412, -001, -002, 806675, -001, -002 808125, -001, -002.</p> <p>A. PS4/Drain Bosses- inspect per ASB 6230:R0 Weld Repair Yes <input type="checkbox"/> NO <input type="checkbox"/> Method of compliance: NDIP-620 <input type="checkbox"/> NDIP-829 <input type="checkbox"/> SPOP 82 or 84 <input type="checkbox"/> SPOP 117 <input type="checkbox"/></p> <p>Re-inspection next due: _____ TC</p> <p>B. Rear Flange - inspect per ASB 6230:R0 Method of compliance: NDIP-795 <input type="checkbox"/> NDIP-82 or 84 <input type="checkbox"/> SPOP 117 <input type="checkbox"/></p> <p>Re-inspection next due: _____ TC</p>	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17AR, 17R			ATI 153 3	767197 -JW7320
Part II	<p>Combustion Chamber Outer case - Inspect P/N's 796761, -002, -003, 806675, -001, -002.</p> <p>A. Inspect Rear Flange circumferential Weld Method of compliance: NDIP-654 (On Wing) <input type="checkbox"/> NDIP-655 (On Bench) <input type="checkbox"/></p> <p>Case Re-Identified: Yes <input type="checkbox"/> NO <input type="checkbox"/></p> <p>Repetitive Inspection Required Yes <input type="checkbox"/> NO <input type="checkbox"/></p> <p>If Yes, re-inspection next due: _____ TC</p>				ATI 153 3	767197 -JW7320
Part III	<p>Combustion Chamber Outer Case - Inspect P/N's 796761, -002, 805412, -001, 806675, -001, 808125, -001.</p> <p>A. Perform One-time Case Wall & Ps4/Drain Boss thickness inspection.</p>				ATI 153 3	767197 -JW7320
95-08-15	AD 95-08-15 has been Superseded by AD 96-23-14					

No entry required on form.

Records

Airworthiness Directive Compliance



ESN: 709495

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
95-02-16 Amdt. 39-9135	<p>1. #7 Fuel Nozzle & Support Assy -</p> <p>a. Replace I/A/W ASB 6169:R5.</p> <p>b. Incorporate per SB 6240:R0: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p>c. Incorporate per ASB 6311:R2: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p> <p>Note: Compliance with ASB 6311 terminates ASB 6310.</p> <p>2. Replace Aluminum Pressure and Scavenge Oil Tubes fittings and applicable hardware with steel per ASB 6170:R2.</p> <p>Note: Required only Engines incorporating S/B 5650 Low Emission Fuel Nozzles.</p>	<p>1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17AR, 17R</p>		ATI 153		819061-01 -1283R (#7 Fuel Nozzle)
95-10-10 Amdt. 39-9227	<p>Disk (Hub), 1st Stage Compressor - P/N's 594301, 640601, 743301, 749801, 750101, 791801, 806001 and 817401 - S/N's J78892 - J80538, K32019 - K34018, L32197 - L34133, M05722 - M07296 - Inspect and Shotpeen per ASB 6104:R3 Appendix A, B and Attachment 1 (NDIP - 764). See ASB 6104:R3 for inspection.</p> <p>Inspection & Shotpeen C/W <input type="checkbox"/> NA1 <input type="checkbox"/> NA3 <input checked="" type="checkbox"/> NA4 <input type="checkbox"/></p> <p>Reinspection Required: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p>	<p>9, 9A, 11, 15, 15A, 17, 17A, 17AR, 17R</p>		ATI 153	ATI 153 3	814775-01 453895
95-15-51	<p>AD 95-15-51 has been Superseded by AD 95-26-03</p>					<p>No entry required on form.</p>

Records

Airworthiness Directive Compliance

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AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
95-16-07 Amdt. 39-9327	<p>N2 Compressor Disks Stages 9 thru 12 - Inspect Pre S/B 4935:R7 Disks per ASB 4723:R12 for tierod hole cracking.</p> <p>For 10th Stage Disks, EC or MPI inspect per ASB 4723:R12, Appendix B within 750 CIS since last on-wing inspection. Method of Compliance:</p> <p>Repetitive Inspection Required: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p>Note: Disks bushed per S/B 4725:R7 are still subject to ASB 4723:R12 initial inspection limits, Tables I thru V.</p>	7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17AR, 17R				815709-002 -BENCAR2380 815610-002 -BENCAR6508 815611-002 -BENCAN4862 815612-002 -BENCAR7230
95-26-03 Amdt. 39-9461	<p>Accomplish corrosion inspection on N2 High Compressor Disks Stages 7 thru 12 per OHM Sections 72-36-41 thru 72-36-46 as applicable per ASB 6226:R0. Record findings and category on form AT-36-25.</p> <p>Note: applicable only to disks installed by THY prior to July 1, 1995 with no subsequent inspection, and for those applicable disks moved from listed engines to other engines, unless inspected prior to installation.</p> <p>Affected ESN's 648792, 649052, 653833/959, 655199/228/986, 656953/981, 657299/ 308/ 607/ 608/612, 658118/138, 665862/868/906/912/915/948/955/957/ 966/967/973/987, 667136/137/143/154/165, 687452/503/527/571//575-577/579-581/585/603, 695206/209/287/317/318, 696536/590, 700023/024/228/642/649/ 650/796/817/827-833/835-837.</p>	7, 7A, 9, 9A, 11, 15, 15A, 17, 17A, 17AR, 17R (7B)				5006007-022 -BENCAM8498 815808-002 -BENCAR5869 815709-002 -BENCAR2380 815610-002 -BENCAR6508 815611-002 -BENCAN4862 815612-002 -BENCAR7230

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Records

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
96-23-14 Amdt. 39-9820	<p>Combustion Chamber Outer Case (Thin Wall) - Inspect P/N's 490547, 542155, 616315, 728829, 728829-001, 730413, 730413-001, 730414, 730414-001, 767197, 767279, 767279-001.</p> <p>A. Ps4/Drain Bosses Weld Repair: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> Method of Compliance: Per P&WA ASB 6228:R1 Eddy Current <input type="checkbox"/> Ultrasonic <input type="checkbox"/> FMPI per SPOP 117 <input checked="" type="checkbox"/> FPI per SPOP 82 <input type="checkbox"/> For EC/UI state NDIP used. Repetitive Inspection Required.</p> <p>Re-inspection next due: 49,663 TC</p>	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17AR, 17R	ATI 153		NA	767197 -JW7320
Part I	<p>B. Rear Flange Method of Compliance: Per P&WA ASB 6228:R1 Eddy Current <input type="checkbox"/> Ultrasonic <input type="checkbox"/> FMPI per SPOP 117 <input checked="" type="checkbox"/> FPI per SPOP 82 <input type="checkbox"/> Repetitive Inspection Required. For EC/UI state NDIP used.</p> <p>Re-inspection next due: 49,663 TC</p> <p>Note: If case found cracked, report findings to FAA.</p>		ATI 153			761197 -JW7320
Part II	<p>Perform Ultrasonic Inspection of the Rear Flange at each assembly of the outer combustion case per ASB 6228:R1, NDIP. Reject cases with an ultrasonic crack indication greater than 30% vertical screen within 40% to 70% horizontal screen. Case replaced Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Reinspection required at each case assembly. Note: If case found cracked, report findings to FAA.</p> <p>For cases not inspected per NDIP 834 and not disassembled, perform a one-time Borescope inspection per ASB 6202 R1, NDIP 835. Reinspect per ASB 6228:R1, NDIP 834.</p>		ATI 153			767197 -JW7320
					ATI 153	767197 -JW7320

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
97-19-12 Amdt. 39-10133	Inspect 4 th Stage LPT Hub P/N's 539004, 539004-001, 629404, 629404-001, 751304, 751304-001 and 769104 by serial numbers listed in Table A of ASB 6274:R2. FPI per SPOP 84 <input type="checkbox"/> . Eddy Current Per NDIP 889 <input type="checkbox"/> . Reinspect at next hub removal and deblading.	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 17, 17R			ATI 153	5003104-01 -BLDLB44077
97-19-14 Amdt. 39-10135	3 rd & 4 th Turbine Blade - Inspect/Incorporate Blade Containment. Note: Next shop visit is defined as engines which have major flange separation, excluding field maintenance type activities.	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 17, 17R			ATI 153	Engine is -17A 804903-002 T-3 Blades T-4 Blades P/N Unk
	1. Verify installed 4 th Stage LPT Hub Serial Number listed ASB 6274:R2, Table A? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No. Note: If yes, accomplish item 4 by 12/31/98, or 8000 hours, 7000 cycles from 11/14/94, whichever occurs first.				ATI 153	Engine is -17A
	2. Verify or install Post S/B 5331:R2 T3 Blades. ASB 5913 reinspection not required T3 Blades. OR Inspect T3 pre S/B 5331:R2 notch wear insitu Per ASB 5913:R6 torque check inspection lbs/in. OR Inspect T3 pre SB 5331:R2 notch wear per OHM 72-53-12 or install new.				ATI 153	804903-002 T-3 Blades Engine is -17A
	3. Inspect T4 notch wear insitu per ASB 5913:R6 torque check inspection lbs/in. OR Inspect T4 notch wear per OHM 72-53-13 or install new.				ATI 153	Engine is -17A 804903-002 T-3 Blade Engine is -17A T-4 Blades P/N Unk (Not Debladed) Engine is -17A T-4 Blades P/N Unk (Not Debladed) Engine is -17A

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AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
97-19-14 Amdt. 39-10135 (Con't)	4. Install inner front fan exhaust duct segments P/N 811626-01 per ASB 6110:R1, Part A. 5. Incorporate #3 Turbine Outer Honeycomb Airseal P/N M2533 or 811962 at next access to area, N1 Turbine disassembly per ASB 6110:R1, Part B. 6. Incorporate Turbine Containment Kit per ASB 6110:R1 at next "shop visit". 7. Modify #6 Bearing Oil Pump Mount Bracket per ASB 6131:R3 at next "shop visit".				ATI J53	811626-01 Engine is -17A 811962 -BLDLB67503 Engine is -17A P/N Unk Engine is -17A 815865 Engine is -17A 767197 -JW7320
98-04-39 Amdt. 39-10351	Perform a one time borescope inspection of (Thin Wall) combustion Chamber Outer Case P/N's 490547, 542155, 616315, 728829, 728829-001, 730413, 730413-001, 730414, 730414-001, 767197, 767279 and 767279-001 on engine serial numbers identified in Table 1 in the AD per ASB 6202:R1 and NDIP-835. DC-9: Within 1000 CIS/SLI since NDIP-834 or 100 CIS/SLI after 2/25/98, whichever is later B737: Within 1500 CIS/SLI since NDIP-834 or 100 CIS/SLI after 2/25/98, whichever is later B727: Within 2500 CIS/SLI since NDIP-834 or 100 CIS/SLI after 2/25/98, whichever is later	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR			ATI J53	

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Records

Airworthiness Directive Compliance

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AD Note Amdt. (Con't)	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
98-04-39	Note #1: Probes P/N PWA 47942 that are overhauled, repaired, or altered since manufacture are to be returned to Pratt & Whitney for a functional check. If the probe fails the check, comply with the above on <u>all</u> effected engines. Note #2: For thin wall cases installed after 02/25/98 and inspected per ASB: 6228:R1 Parts I and II, this AD is Not Applicable providing probe P/N 47942 was not suspect.				ATI 153 2	767197 -JW7320
98-09-19 Rev.0	The Starter Air Shutoff Valve P/N 979410-1-1 or 979410-2-1 is required to be modified to assure that an over speed of the starter will not occur. The new Starter Air Shutoff Valve is P/N 392796-2-2.	DC9/MD80			ATI 153	ESN: 709495 Not Received.
98-12-07	AD 98-12-07 has been Superseded by AD 2003-12-07					
98-21-24 Amdt. 39-10832	Remove from service and ship to GE C3, C4, C7 thru C12 disks listed in Table 1 of AD at next shop visit or prior to 3000 CTS from 16 Nov. 98. Disks may be replaced with non-affected disks or reinstalled after inspection/repair by GE per Engineering Bulletin JT8D-025 Dated 27 Mar 98. Disks affected: C3 <input type="checkbox"/> C4 <input type="checkbox"/> C7 <input type="checkbox"/> C8 <input type="checkbox"/> C9 <input type="checkbox"/> C10 <input type="checkbox"/> C11 <input type="checkbox"/> C12 <input type="checkbox"/> None <input checked="" type="checkbox"/>	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17AR, 17R			ATI 153 344	799773 -BBDUAS5714 799504 -BBDUAY0353 5006007-022 -BENCAM8498 815808-002 -BENCAR5869 815709-002 -BENCAR2380 815610-002 -BENCAR6508 815611-002 -BENCAN4862 815612-002 -BENCAR7230
99-01-08 Amdt. 39-10975	Affected disks installed after compliance: Yes <input type="checkbox"/> No <input type="checkbox"/> Remove from service and scrap C-7 thru C-12 disks listed in Appendix 1 of this AD with < 500 TIS since Ni-Cad plating or by schedule in 2. (a)(1) thru (4). Disks with > 500 TIS since Ni-Cad plating require no action.	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17AR, 17R			ATI 153 4	5006007-022 -BENCAM8498 815808-002 -BENCAR5869 815709-002 -BENCAR2380 815610-002 -BENCAR6508 815611-002 -BENCAN4862 815612-002 -BENCAR7230

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
99-12-03	AD 99-12-03 has been Superseded by AD 2000-21-08					
2000-21-08	AD 2000-21-08 has been Superseded by AD 2002-17-02					
2000-22-06 Amdt 39-11952	<p>1. Inspect the Fuel Pump Assembly Control Shaft for wear IAW the instruction in PWA ASB 6381:R1.</p> <p>2. Argo-Tech Service bulletin 73-34 (262-34) Incorporated Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>3. Argo-Tech Service bulletin 73-40 (262-40) Incorporated Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Note: The incorporation of both Argo-Tech Service Bulletins 73-34 and 73-40 is a terminating action of this AD and the P&W ASB 6381.</p>	1,1A,1B,7,7A,7B,9,9A,11,15,15A				384300 -5811 P/L No. 384301-7
2001-15-18 Amdt. 39-12353	Remove from service 2 nd Stage Compressor Disks P/N's 745902, 790832 and 807502, identified by S/N in ASB 6336:R1.	9,9A,11,15,15A,17,17A,17AR,17R				790832 -BBDUUAU9028
2002-17-02	AD 2002-17-02 has been Superseded by AD 2005-25-05					
2003-05-07 Amdt 39-13083	<p>AT next accessibility of the LPC do the following:</p> <p>1. Remove from service 3rd-4th stage compressor rotor spacer assemblies P/N's 479927, 522194, 583385, 656814, 656815, 660649, 660655, 716851, 716853, 716854, 762140, 762145, 762271, 762468, 789554, and 789752 and replace with a serviceable part.</p> <p>2. Remove from service 4th-5th stage compressor rotor spacer assemblies P/N's 479929, 522196, 656816, 656817, 660650, 660656, 716855, 762138, and 762142, and replace with a serviceable part.</p>	1,1A,1B,7,7A,7B,9,9A,11,15,15A,17,17A,17AR,17R				801138 -414
No entry required on form.						
No entry required on form.						

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Records

Airworthiness Directive Compliance

ESN: 709495

AD Note Amdt. con't	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
2003-05-07	3. Remove from service 4 th -5 th stage compressor rotor spacer assemblies P/N 628778 that do not incorporate S/B 5409:R2, and replace with a serviceable part.				ATI 153 3	789556 -CK7915
2003-12-07 Amdt 39-10563	4. Incorporate new tierods, retaining rings, 2 nd stage compressor airseal or spacer assembly, flat washers and tierod nuts in the LPC IAW S/B 6429:R1. High Compressor Disks corrosion inspection/Plating coating status per ASB 6431:R1. 7th Stage HPC Disk Action taken during this shop visit: Debladed: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Inspection Level: NEW <input type="checkbox"/> OH <input type="checkbox"/> C/T <input checked="" type="checkbox"/> Coating Type: PWA 110-21 <input type="checkbox"/> NiCad <input checked="" type="checkbox"/> Prev. Coating: PWA 110-21 <input type="checkbox"/> NiCad <input type="checkbox"/> Re-inspection Next Due: <u>08/2011</u>	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR	ATI 153	ATI 153		821209 (Tierods) 822447 (Nut) 745534-001 (Airseal) 5006007-022 -BENCAM8498 (Not Debladed) Ref: Cayman Airways AD form dated 20/12/06.
	8th Stage HPC Disk Action taken during this shop visit: Debladed: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Inspection Level: NEW <input type="checkbox"/> OH <input type="checkbox"/> C/T <input checked="" type="checkbox"/> Coating Type: PWA 110-21 <input type="checkbox"/> NiCad <input checked="" type="checkbox"/> Prev. Coating: PWA 110-21 <input type="checkbox"/> NiCad <input type="checkbox"/> Re-inspection Next Due: <u>09/2011</u>			ATI 153		815808-002 -BENCAR5869 (Not Debladed) Ref: Cayman Airways AD form dated 20/12/06.

Continued on next page

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
2003-12-07 Amdt 39-10563 Con't	<p>9th Stage HPC Disk Action taken during this shop visit: Debladed: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Inspection Level: NEW <input type="checkbox"/> OH <input type="checkbox"/> C/T <input checked="" type="checkbox"/> Coating Type: PWA 110-21 <input type="checkbox"/> NiCad <input checked="" type="checkbox"/> Prev. Coating: PWA 110-21 <input type="checkbox"/> NiCad <input type="checkbox"/> Re-inspection Next Due: <u>09/2011</u></p>					815709-002 -BENCAR2380 (Not Debladed) Ref: Cayman Airways AD form dated 20/12/06.
	<p>10th Stage HPC Disk Action taken during this shop visit: Debladed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Inspection Level: NEW <input type="checkbox"/> OH <input checked="" type="checkbox"/> C/T <input type="checkbox"/> Coating Type: PWA 110-21 <input type="checkbox"/> NiCad <input checked="" type="checkbox"/> Prev. Coating: PWA 110-21 <input type="checkbox"/> NiCad <input type="checkbox"/> Re-inspection Next Due: <u>05/14/2015</u></p>	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR				815610-002 -BENCAR6508
	<p>11th Stage HPC Disk Action taken during this shop visit: Debladed: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Inspection Level: NEW <input type="checkbox"/> OH <input type="checkbox"/> C/T <input checked="" type="checkbox"/> Coating Type: PWA 110-21 <input type="checkbox"/> NiCad <input checked="" type="checkbox"/> Prev. Coating: PWA 110-21 <input type="checkbox"/> NiCad <input type="checkbox"/> Re-inspection Next Due: <u>09/2011</u></p>					815611-002 -BENCAN4862 (Not Debladed) Ref: Cayman Airways AD form dated 20/12/06.

Continued on next page

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
2003-12-07 Amdt 39-10563 Con't	<p>12th Stage HPC Disk Action taken during this shop visit: Debladed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Inspection Level: NEW <input type="checkbox"/> OH <input checked="" type="checkbox"/> C/T <input type="checkbox"/> Coating Type: PWA 110-21 <input type="checkbox"/> NiCad <input checked="" type="checkbox"/> Prev. Coating: PWA 110-21 <input type="checkbox"/> NiCad <input type="checkbox"/> Re-inspection Next Due: <u>05/16/2015</u></p>		ATI 153			815612-002 -BENCAR7230
<p>Note 1: Customer (owner/operator) is responsible for tracking status and utilization. Note 2: Corrosion re-inspection date does not include engine preservation time per ASB 6431.</p>						
2005-17-16 Amdt 39-14237	<p>Remove all coating from the disks and hubs identified in table 1 and 2 of this AD and Visually, dimensionally, and non destructively inspect the parts (as necessary) using the inspection criteria listed in accomplishment portion of PWA ASB JT8D A6442:R0</p>	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR			ATI 153 4	5006007-022 -BENCAM8498 815808-002 -BENCAR5869 815709-002 -BENCAR2380 815610-002 -BENCAR6508 815611-002 -BENCAN4862 815612-002 -BENCAR7230
2005-25-05 Amdt 39-14398	<p>To prevent critical life-limited rotating engine part, which could result in an uncontained engine failure and damage to the airplane, do the following: 1. Hub (Detail), 1st Stage Compressor All P/N's Inspect per ATA 72-33-31 Inspection 02, 03, 04 and 05.</p>	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17AR, 17R			ATI 153	848101 -BBDUAY7198 (Not Debladed)
	<p>2. Hub (Assembly), 1st Stage Compressor All P/N's Inspect per ATA 72-33-31 Inspection 02, 03, 04 and 05.</p>				ATI 153	848101 -BBDUAY7198 (Not Debladed)

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JT8D-1 thru -17AR

AeroThrust Corporation

Work Order: 58714

Airworthiness Directive Compliance

ESN: 709495

Records

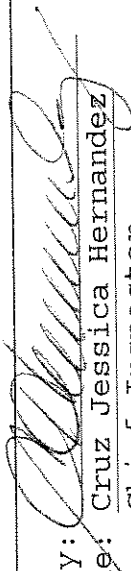
AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
2005-25-05 Amdt 39-14398 Con't	3. Disk, 2 nd Stage Compressor All P/N's Inspect per ATA 72-33-33 Inspection 02 and 03.				ATI J53	790832 -BBDUAW9028 (Not Debladed)
	4. Disk (Assembly), 2 nd Stage Compressor All P/N's Inspect per ATA 72-33-33 Inspection 02 and 03.				ATI J53	790832 -BBDUAW9028 (Not Debladed)
	5. Disk, 13 th Stage Compressor All P/N's Inspect per ATA 72-36-47 Inspection 02				ATI J53	5003613-01 -BBDUAW5825 (Not Debladed)
	6. Disk with Integral Shaft, 1 st Stage HP Turbine All P/N's				ATI J53	856401 -BKLBCL7148 (Not Disassembled)
	7. Disk with Separable Shaft, 1 st Stage HP Turbine (Shaft & Disk Assembly) All P/N's				ATI J53	856401 -BKLBCL7148 (Not Disassembled)
	8. Disk with Separable Shaft, 1 st Stage HP Turbine (Disk) All P/N's				ATI J53	856401 -BKLBCL7148 (Not Disassembled)
	9. Disk, 2 nd Stage Turbine All P/N's		ATI J53			5004022-01 -BLDLCY4369
	10. Disk, 3 rd Stage Turbine All P/N's		ATI J53			5003103-01 -BLDLCK9974
	11. Disk (Separable) 4 th Stage Turbine All P/N's				ATI J53	5003104-01 -BLDLB44077 (Not Disassembled)
	Inspect per ATA 72-53-15 Inspection 02					

Airworthiness Directive Compliance

ESN: 709495

Records

AD Note Amdt.	Nomenclature	App. Models	CW	PCW	NA	Installed P/N - S/N
2005-25-05 Amdt 39-14398 Con't	12. Disk (Integral Disk/Shaft) 4 th Stage Turbine All P/N's Inspect per ATA 72-53-18 Inspection 02 <i>Note: Perform inspection requirements whenever part is at piece part level and has accumulated more than 100 cycles since last inspection. For the purpose of this AD, piece part is defined as all the blades removed.</i>				ATI 153 3	5003104-01 -BLDLE44077
2006-17-07 Rev.1 Amdt. 39-14728	Requires initial and repetitive visual inspections for fretting and Fluorescent Magnetic Particles Inspections (FMPI) for cracking in the area of the tierrod holes on 8 th stage HPC Front Hub that have operated at any time with PWA 110-21 coating. Refer ASB 6468:R0. Note: For Engine Models JT8D-1 thru -11 and with PWA 110-21 coated Rear Hub and never operated in JT8D -15, -15A, -17, -17A, -17R and -17AR, this Ad is not Applicable. Note: Inspection -01, -03 and -04 of C-7, C-9 thru C-12 Disk coated with PWA 110-21 (only). Also required at the same time C-8 Hub fretting inspection is complied with per this AD.	1, 1A, 1B, 7, 7A, 7B, 9, 9A, 11, 15, 15A, 17, 17A, 17R, 17AR	ATI 153			5006007-022 -BENCAM8498 815808-002 -BENCAR5869 815709-002 -BENCAR2380 815610-002 -BENCAR6508 815611-002 -BENCAN4862 815612-002 -BENCAR7230 821917 -PN9358 (8-9 spacer) Re-inspect C-8 Hub prior to accumulating 16,500 TPC.

Reviewed by: 
 Name: Cruz Jessica Hernandez
 Title: Chief Inspector
 Date: 05 June 2007

JT8D-7 thru -17AR

AeroThrust Corporation

Work Order: 58714

Model: JT8D-17A

QEC Accessory Inventory

Date: 06/05/07

Customer: CAYMAN AIRWAYS, LTD.

Records

ESN: 709495

Seq	Nomenclature	Part # Received	Serial # Received	Part # Shipped	Serial # Shipped	TSO	TSN	Comnt
*1	Fuel Control L001	743602-5	66480	743602-5	66480	UNK	UNK	C/T
2	Fuel Control Linkage	REC'D	UNK	REC'D	UNK	UNK	UNK	C/T
*3	Oil Tank Engine J011	565016	5B7	565016	5B7	UNK	UNK	C/T
*4	Fuel Heater L006	745608	1295	745608	1295	3138.23	UNK	C/T
5	Oil Quantity Transmitter Q2163	N/R		N/R				
*6	Gearbox KA00	717000	FZ2517	717000	FZ2517	UNK	UNK	C/T
7	CSD Unit Q2254	N/R		N/R				
8	Generator Assy Q2252	N/R		N/R				
9	Engine Starter Q2030/Q3020	N/R		N/R				
10	Engine Starter Q2023	N/R		N/R				
	Control Valve Q3022							
*11	P&D Valve L003	714810	615258	714810	615258	UNK	UNK	C/T
*12	Ignition Exciter 1 L007	N/R		N/R				
*12	Ignition Exciter 2 L007	N/R		N/R				

Abbreviations:
 N/A: Not Applicable
 N/R: Not Received
 N/I: Not Installed
 UNK: Unknown
 TSN: Time Since New
 TSO: Time Since Overhaul
 O/H: Overhaul
 B/C: Bench Check
 REP: Repaired C/T
 C/T: Continue Time
 SNA: Serial Number Assigned
 *: Basic Engine Component
 For Installed QEC Acft Type:
 DC-9
 727
 737
 Eng Position: 1 2 3

QEC Accessory Inventory

Records

Seq	Nomenclature	Part # Received	Serial # Received	Part # Shipped	Serial # Shipped	TSO	TSN	Commt
13	Pre-Cooler Tank Assy (B737 ONLY)	N/R		N/R				
*14	Fuel Oil Cooler L005	N/R		N/R				
15	Fuel Flow Transmitter Q2232	N/R		N/R				
*16	Fuel Pump Assy L002	384300	5811	384300	5811	UNK	UNK	C/T
17	Low Fuel Press. Warn (DC9 ONLY) Q2235	N/A		N/A				
*18	Fuel Press Diff Switch L010	42D185	13449	42D185	13449	UNK	UNK	C/T
19	Tach N2 L012/Q2042/Q3042	N/R		N/R				
20	Hydraulic Pump Q2251 Q3342	N/R		N/R				
*21	Press Ratio Bleed Control (PRBC) L004	N/R		N/R				
22	CSD Oil Cooler Q3144 Heat Exchanger Q2177	N/R		N/R				
*23	Start Bleed Control Valve L015	1058V0400-1	PF5323	1058V0400-1	PF5323	UNK	UNK	C/T
*24	Anti-Ice Valve Right Inlet L008	320115	1099	320115	1099	3138.23	UNK	C/T
*25	Fuel De-Icing Valve L008	320115	0740	320115	0740	UNK	UNK	C/T
*26	Anti-Ice Valve Left Inlet L008	320115	2723	320115	2723	UNK	UNK	C/T
27	Nose Cowl Anti-Ice L008/Q2223	N/R		N/R				
28	Thermostatic Regulator Valve Q2222	N/R		N/R				

QEC Accessory Inventory

Records

Seq	Nomenclature	Part # Received	Serial # Received	Part # Shipped	Serial # Shipped	TSO	TSN	Commt
29	Oil Pressure Transmitter Q2160 Q3151	N/R		N/R				
30	Oil Diff. Press. Switch Q2161 Q3214	N/R		N/R				
31	Low Oil Press. Warning Switch Q2162 Q3214	N/R		N/R				
32	Pneumatic Pressure Valve (B737 ONLY)	N/R		N/R				
33	Cabin Pressurization Diff Press Switch (B737 ONLY)	N/R		N/R				
34	Tach N1 L001/Q2041/Q3041	N/R		N/R				
35	Pneu. Chk Valve Q2214 (One or Two) Q3285 Q3270	N/R		N/R				
36	CSD Anti-Ice Valve L008	N/R		N/R				
37	Frt Vibration Pick-Up	N/R		N/R				
38	Rear Vibration Pick-Up	N/R		N/R				
39	Fwd Cone Bolts Q3002 Q2002/Q3001	N/R		N/R				
40	Rear Cone Bolts Q3004/Q2006	N/R		N/R				

JT8D-7 thru -17AR

AeroThrust Corporation

Work Order: 58714

QEC Accessory Inventory

Records

Seq	Nomenclature	Part # Received	Serial # Received	Part # Shipped	Serial # Shipped	TSO	TSN	Commt
	Engine Miscellaneous							
1a	Eductor Valve (DC9 ONLY)	N/R						
2a	Nose Cowl Assy	N/R						
3a	Nose Cone Assy Q3011 Q1021/Q2012	N/R						
4a	Thrust Reverser Assy	N/R						
5a	Exhaust Cone Assy Q2014	N/R						

JT8D-ALL
Date: 06/05/07

AeroThrust Corporation

Work Order: 58714

HPC Disks Plating/Coating Status
Per SB 6426 & ASB 6431 - AD 2003-12-07
Per SB 6427 & ASB 6435 - AD 2003-16-05

ESN: 709495

Records

Model: JT8D-17A

Customer: CAYMAN AIRWAYS, LTD.

THIS FORM IS TO BE COMPLETED BY COMPRESSOR CELL INSPECTION.
PLEASE RECORD IN THE SPACES BELOW THE CURRENT STATUS ON THE C7 THRU THE C12 DISKS FITTED.
(STAMP THE APPROPRIATE BLOCK)

DISK INFO	INSPECTED WEB, RING & BLADE SLOTS PER EM FOR CORROSION		DISK DEBLADED?		Previous Coating Type		NEW DISK INST	DISK REPLACED WITH O/H	C/T DISK PLATE/COAT TYPE	NI-CAD DURING O/H OR NEW	NEW DISK COAT DATE	O/H DISK COAT DATE	DEPRESERV DATE
	YES	NO	YES	NO	PWA 110-21	NI-CAD							
STAGE	P/N/ & S/N			YES	NO		YES			YES			
C-7	5006007-	XXX			XXX				XXX				
	022												
	BENCAM8498												
C-8	815808-002	XXX			XXX				XXX				
	BENCAR5869												
C-9	815709-002	XXX			XXX				XXX				
	BENCAR2380												
C-10	815610-002	XXX			XXX				XXX			MAY 14, 2007	
	BENCAR6508												
C-11	815611-002	XXX			XXX				XXX				
	BENCAN4862												
C-12	815612-002	XXX			XXX				XXX			MAY 16, 2007	
	BENCAR7230												

Note: See "As Installed" Compressor/Turbine Disk Time/Cycles Sheet, Form AT-RCD-06 for current disk times/cycles.
Note: A date is required for the coating both New & Overhauled disks.

AEROTHRUST CORPORATION

CATEGORY LEGEND COMPLIANCE SHEET

CW	-	Complied With At This Shop Visit
PCW 1	-	Previously Complied With - (AeroThrust) Received With Upgrade Configuration
PCW 2	-	Previously Complied with - (Per Customer Supplied Information).
NA	-	Not Applicable Due to Customer Not Requiring Compliance
ND	-	Not Disassembled
NA1	-	Not Applicable Due to Engine Model
NA2	-	Not Applicable Due To Engine Serial Number
NA3	-	Not Applicable Due to Part Number
NA4	-	Not Applicable Due To Serial Number
NA5	-	Not Applicable/Not Required Due to Repair Not Required. An NA5 designation is only used on repair type SB's.
NA6	-	Not Applicable, Required On Attrition Basis Only.

MODULE: 172-00-00 JT8D -7B THRU -17R

Service Bulletin	Rev	ATA Ref	SB Description	Cat	CW	PCW	NA	ND
6101	1	72-00-00	COMPARTMENT, #4 & #5 BRG PREVENTIVE	M1	X			
6202	622	72-00-00	CASE ASSY COMB OUTER- BORESCOPE	M1				X
5639	10	72-00-00	COMB CHAM - INC TIME REQ'D INSP	M2				3
6228	1	72-00-00	CASE ASSY, COMB CHAM OUTER-	M2	X			
6230	0	72-00-00	CASE ASSY, COMB CHAM OUTER-	M2	X			

MODULE: 172-33-00 N1 LOW COMPRESSOR (02)

Service Bulletin	Rev	ATA Ref	SB Description	Cat	CW	PCW	NA	ND
2005-25-05	0	72-33-31	ENHANCED ROTOR INSPECTION	R2				X
2005-25-05	0	72-33-33	ENHANCED ROTOR INSPECTION	R2				X
5841	0	72-33-15	PLATE, RTNG, 1ST STG FAN BLD	M1		X		
6336	1	72-33-00	SUSPECT 2ND STG COMP DISK- REMOVE	M1				4
6336	1	72-33-33	SUSPECT 2ND STG COMP DISK- REMOVE	M1				4
6429	1	72-33-13	INCORP RETENTION REAR TIERODS, SELF	M1	X			
6429	1	72-33-14	INCORP RETENTION REAR TIERODS, SELF	M1	X			
6429	1	72-33-16	INCORP RETENTION REAR TIERODS, SELF	M1	X			
6429	1	72-33-34	INCORP RETENTION REAR TIERODS, SELF	M1	X			
6442	0	72-33-31	RE-INSPECTING OF ROTATING PARTS	M2				3 4
6442	0	72-33-33	RE-INSPECTING OF ROTATING PARTS	M2				3 4
6442	0	72-33-34	RE-INSPECTING OF ROTATING PARTS	M2				3 4
6442	0	72-33-35	RE-INSPECTING OF ROTATING PARTS	M2				3 4
6442	0	72-33-36	RE-INSPECTING OF ROTATING PARTS	M2				3 4
6442	0	72-33-37	RE-INSPECTING OF ROTATING PARTS	M2				3 4
89-25-11	0	72-33-15	BLADE 1ST STG COMP- PROVIDE	M1		X		
95-10-10	0	72-33-31	DISK/HUB 1ST STG COMP- INSPECT	M1				3 4
2003-05-07	0	72-33-13	INSTALL NEW REAR TIEROD DESIGN FOR	M2	X			
2003-05-07	0	72-33-13	INSTALL NEW REAR TIEROD DESIGN FOR	M2	X			
2003-05-07	0	72-33-14	INSTALL NEW REAR TIEROD DESIGN FOR	M2	X			
2003-05-07	0	72-33-16	INSTALL NEW REAR TIEROD DESIGN FOR	M2	X			
2003-05-07	0	72-33-42	INSTALL NEW REAR TIEROD DESIGN FOR	M2	X			
2003-05-07	0	72-33-43	INSTALL NEW REAR TIEROD DESIGN FOR	M2	X			
2003-05-07	0	72-33-44	INSTALL NEW REAR TIEROD DESIGN FOR	M2	X			
4841	6	72-33-31	1ST COMP DISK (HUB) - EDDY CURRENT	M2				3
6104	3	72-33-31	DISK (HUB) 1ST STG COMP - EDDY C	M2				3 4
78-17-02	3	72-33-31	DISK (HUB) 1ST STG COMP- EC INSPECT	M2				3
98-21-24	0	72-33-34	DISKS COMPRESSOR- DAMAGED DUE TO	M2				3 4
98-21-24	0	72-33-35	DISKS COMPRESSOR- DAMAGED DUE TO	M2				3 4

MODULE: 172-40-00 ENGINE HOT SECTION

Service Bulletin	Rev	ATA Ref	SB Description	Cat	CW	PCW	NA	ND
6202	622	72-40-00	CASE ASSY COMB OUTER- BORESCOPE	M1				X

MODULE: 172-40-00 ENGINE HOT SECTION

Service Bulletin	Rev	ATA Ref	SB Description	Cat	CW	PCW	NA	ND
96-23-14	0	72-40-00	COMB CHAM OUTER CASE- INSP PER	M1	X			
98-04-39	0	72-40-00	COMB CHAM OUTER CASE- BORESCOPE	M1				X
5639	10	72-40-00	COMB CHAM - INC TIME REQ'D INSP	M2				3
6228	1	72-40-00	CASE ASSY, COMB CHAM OUTER-	M2	X			
6230	0	72-40-00	CASE ASSY, COMB CHAM OUTER-	M2	X			
86-09-02	2	72-40-00	COMB CHAM INSPECTION REQ'MTS,	M2				3

MODULE: 172-36-00 N2 HIGH COMPRESSOR (03)

Service Bulletin	Rev	ATA Ref	SB Description	Cat	CW	PCW	NA	ND
2005-25-05	0	72-36-47	ENHANCED ROTOR INSPECTION	R2	X			
4723	12	72-36-43	N2 COMP DISK STG'S 9, 10, 11 & 12	M1				3
4723	12	72-36-44	N2 COMP DISK STG'S 9, 10, 11 & 12	M1				3
4723	12	72-36-45	N2 COMP DISK STG'S 9, 10, 11 & 12	M1				3
4723	12	72-36-46	N2 COMP DISK STG'S 9, 10, 11 & 12	M1				3
5649	3	72-36-11	SPACER 7-8, 8-9, 9-10, 11-12, 12-13	M1		X		
5649	3	72-36-12	SPACER 7-8, 8-9, 9-10, 11-12, 12-13	M1		X		
5649	3	72-36-13	SPACER 7-8, 8-9, 9-10, 11-12, 12-13	M1		X		
5649	3	72-36-14	SPACER 7-8, 8-9, 9-10, 11-12, 12-13	M1		X		
5649	3	72-36-15	SPACER 7-8, 8-9, 9-10, 11-12, 12-13	M1		X		
5649	3	72-36-16	SPACER 7-8, 8-9, 9-10, 11-12, 12-13	M1		X		
6442	0	72-36-18	RE-INSPECTING OF ROTATING PARTS	M2				4
6442	0	72-36-41	RE-INSPECTING OF ROTATING PARTS	M2				4
6442	0	72-36-42	RE-INSPECTING OF ROTATING PARTS	M2				4
6442	0	72-36-43	RE-INSPECTING OF ROTATING PARTS	M2				4
6442	0	72-36-44	RE-INSPECTING OF ROTATING PARTS	M2				4
6442	0	72-36-45	RE-INSPECTING OF ROTATING PARTS	M2				4
6442	0	72-36-46	RE-INSPECTING OF ROTATING PARTS	M2				4
6442	0	72-36-47	RE-INSPECTING OF ROTATING PARTS	M2				4
86-08-04	1	72-36-11	SPACERS N2 HIGH COMP STG 7, 8, 9,	M1		X		
86-08-04	1	72-36-12	SPACERS N2 HIGH COMP STG 7, 8, 9,	M1		X		
86-08-04	1	72-36-13	SPACERS N2 HIGH COMP STG 7, 8, 9,	M1		X		
86-08-04	1	72-36-14	SPACERS N2 HIGH COMP STG 7, 8, 9,	M1		X		
86-08-04	1	72-36-15	SPACERS N2 HIGH COMP STG 7, 8, 9,	M1		X		
86-08-04	1	72-36-16	SPACERS N2 HIGH COMP STG 7, 8, 9,	M1		X		
95-16-07	0	72-36-43	DISKS N2 HIGH COMP STG'S 9, 10, 11,	M1				3
95-16-07	0	72-36-44	DISKS N2 HIGH COMP STG'S 9, 10, 11,	M1				3
95-16-07	0	72-36-45	DISKS N2 HIGH COMP STG'S 9, 10, 11,	M1				3
95-16-07	0	72-36-46	DISKS N2 HIGH COMP STG'S 9, 10, 11,	M1				3
95-26-03	0	72-36-41	N2 HIGH COMP DISKS STG'S 7-12TH-	M1				2
95-26-03	0	72-36-42	N2 HIGH COMP DISKS STG'S 7-12TH-	M1				2
95-26-03	0	72-36-43	N2 HIGH COMP DISKS STG'S 7-12TH-	M1				2
95-26-03	0	72-36-44	N2 HIGH COMP DISKS STG'S 7-12TH-	M1				2
95-26-03	0	72-36-45	N2 HIGH COMP DISKS STG'S 7-12TH-	M1				2
95-26-03	0	72-36-46	N2 HIGH COMP DISKS STG'S 7-12TH-	M1				2

MODULE: 172-36-00 N2 HIGH COMPRESSOR (03)

Service Bulletin	Rev	ATA Ref	SB Description	Cat	CW	PCW	NA	ND
99-01-08	0	72-36-41	N2 HIGH COMP DISKS- DISCREPANT	M1				4
99-01-08	0	72-36-42	N2 HIGH COMP DISKS- DISCREPANT	M1				4
99-01-08	0	72-36-43	N2 HIGH COMP DISKS- DISCREPANT	M1				4
99-01-08	0	72-36-44	N2 HIGH COMP DISKS- DISCREPANT	M1				4
99-01-08	0	72-36-45	N2 HIGH COMP DISKS- DISCREPANT	M1				4
99-01-08	0	72-36-46	N2 HIGH COMP DISKS- DISCREPANT	M1				4
2003-12-07	0	72-36-41	DISKS 7TH THRU 12TH - REMOVE FROM	M2	X	*		
2003-12-07	0	72-36-42	DISKS 7TH THRU 12TH - REMOVE FROM	M2	X	*		
2003-12-07	0	72-36-43	DISKS 7TH THRU 12TH - REMOVE FROM	M2	X	*		
2003-12-07	0	72-36-44	DISKS 7TH THRU 12TH - REMOVE FROM	M2	X	*		
2003-12-07	0	72-36-45	DISKS 7TH THRU 12TH - REMOVE FROM	M2	X	*		
2003-12-07	0	72-36-46	DISKS 7TH THRU 12TH - REMOVE FROM	M2	X	*		
2005-17-16	0	72-36-41	INSPECT CERTAIN C7 THRU C12 DISKS &	M2				4
2005-17-16	0	72-36-42	INSPECT CERTAIN C7 THRU C12 DISKS &	M2				4
2005-17-16	0	72-36-43	INSPECT CERTAIN C7 THRU C12 DISKS &	M2				4
2005-17-16	0	72-36-44	INSPECT CERTAIN C7 THRU C12 DISKS &	M2				4
2005-17-16	0	72-36-45	INSPECT CERTAIN C7 THRU C12 DISKS &	M2				4
2005-17-16	0	72-36-46	INSPECT CERTAIN C7 THRU C12 DISKS &	M2				4
2006-17-07	1	72-36-12	C8 HUB FRETTING INSP. ON TIEROD	M2	X	**		
2006-17-07	1	72-36-41	C8 HUB FRETTING INSP. ON TIEROD	M2	X	**		
2006-17-07	1	72-36-42	C8 HUB FRETTING INSP. ON TIEROD	M2	X	**		
2006-17-07	1	72-36-43	C8 HUB FRETTING INSP. ON TIEROD	M2	X	**		
2006-17-07	1	72-36-44	C8 HUB FRETTING INSP. ON TIEROD	M2	X	**		
2006-17-07	1	72-36-45	C8 HUB FRETTING INSP. ON TIEROD	M2	X	**		
2006-17-07	1	72-36-46	C8 HUB FRETTING INSP. ON TIEROD	M2	X	**		
6226	0	72-36-41	DISKS, N2C STG'S 7 THRU 12-	M2				2
6226	0	72-36-42	DISKS, N2C STG'S 7 THRU 12-	M2				2
6226	0	72-36-43	DISKS, N2C STG'S 7 THRU 12-	M2				2
6226	0	72-36-44	DISKS, N2C STG'S 7 THRU 12-	M2				2
6226	0	72-36-45	DISKS, N2C STG'S 7 THRU 12-	M2				2
6226	0	72-36-46	DISKS, N2C STG'S 7 THRU 12-	M2				2
6431	1	72-36-41	C7 THRU C12 DISKS CORROSION	M2	X	*		
6431	1	72-36-42	C7 THRU C12 DISKS CORROSION	M2	X	*		
6431	1	72-36-43	C7 THRU C12 DISKS CORROSION	M2	X	*		
6431	1	72-36-44	C7 THRU C12 DISKS CORROSION	M2	X	*		
6431	1	72-36-45	C7 THRU C12 DISKS CORROSION	M2	X	*		
6431	1	72-36-46	C7 THRU C12 DISKS CORROSION	M2	X	*		
6468	0	72-36-12	C8 DISK FRETTING INSPECTION AT THE	M2	X	**		
6468	0	72-36-42	C8 DISK FRETTING INSPECTION AT THE	M2	X	**		
98-21-24	0	72-36-41	DISKS COMPRESSOR- DAMAGED DUE TO	M2				4
98-21-24	0	72-36-42	DISKS COMPRESSOR- DAMAGED DUE TO	M2				4
98-21-24	0	72-36-43	DISKS COMPRESSOR- DAMAGED DUE TO	M2				4
98-21-24	0	72-36-44	DISKS COMPRESSOR- DAMAGED DUE TO	M2				4
98-21-24	0	72-36-45	DISKS COMPRESSOR- DAMAGED DUE TO	M2				4
98-21-24	0	72-36-46	DISKS COMPRESSOR- DAMAGED DUE TO	M2				4
6426	1	72-36-11	APPLYING AMS 2416 DIFFUSED N-CAD ON	R2	X	***		
6426	1	72-36-12	APPLYING AMS 2416 DIFFUSED N-CAD ON	R2	X	***		

* C-10 & C-12 DISKS ONLY

** B-9 SPACER ONLY

*** 7-8, 8-9, 11-12 SPACERS. C-10 and C-12 DISKS ONLY.

MODULE: 172-36-00 N2 HIGH COMPRESSOR (03)

Service Bulletin	Rev	ATA Ref	SB Description	Cat	CW	PCW	NA	ND
6426	1	72-36-13	APPLYING AMS 2416 DIFFUSED N-CAD ON	R2	X		***	
6426	1	72-36-14	APPLYING AMS 2416 DIFFUSED N-CAD ON	R2	X		***	
6426	1	72-36-15	APPLYING AMS 2416 DIFFUSED N-CAD ON	R2	X		***	
6426	1	72-36-41	APPLYING AMS 2416 DIFFUSED N-CAD ON	R2	X		***	
6426	1	72-36-42	APPLYING AMS 2416 DIFFUSED N-CAD ON	R2	X		***	
6426	1	72-36-43	APPLYING AMS 2416 DIFFUSED N-CAD ON	R2	X		***	
6426	1	72-36-44	APPLYING AMS 2416 DIFFUSED N-CAD ON	R2	X		***	
6426	1	72-36-45	APPLYING AMS 2416 DIFFUSED N-CAD ON	R2	X		***	
6426	1	72-36-46	APPLYING AMS 2416 DIFFUSED N-CAD ON	R2	X		***	

*** 7-8, 8-9, 11-12 Spacers, C-10 and C-12 Disks only.

MODULE: 172-41-00 COMBUSTION AND NO.5 BEARING SECTION

Service Bulletin	Rev	ATA Ref	SB Description	Cat	CW	PCW	NA	ND
6202	622	72-41-11	CASE ASSY COMB OUTER- BORESCOPE	M1				X
94-25-07	0	72-41-11	COMB CHAM OUTER CASE- ULTRA SONIC	M1				3
96-23-14	0	72-41-11	COMB CHAM OUTER CASE- INSP PER	M1	X			
98-04-39	0	72-41-11	COMB CHAM OUTER CASE- BORESCOPE	M1				X
5639	10	72-41-14	COMB CHAM - INC TIME REQ'D INSP	M2				3
6228	1	72-41-00	CASE ASSY, COMB CHAM OUTER-	M2	X			
6228	1	72-41-11	CASE ASSY, COMB CHAM OUTER-	M2	X			
6230	0	72-41-11	CASE ASSY, COMB CHAM OUTER-	M2	X			
86-09-02	2	72-41-14	COMB CHAM INSPECTION REQ'MTS,	M2				3

MODULE: 172-53-00 N1 LOW TURBINE (15)

Service Bulletin	Rev	ATA Ref	SB Description	Cat	CW	PCW	NA	ND
2005-25-05	0	72-53-16	ENHANCED ROTOR INSPECTION	R2				X
2005-25-05	0	72-53-17	ENHANCED ROTOR INSPECTION	R2				X
2005-25-05	0	72-53-18	ENHANCED ROTOR INSPECTION	R2				X
6442	0	72-53-16	RE-INSPECTING OF ROTATING PARTS	M2				X
6442	0	72-53-17	RE-INSPECTING OF ROTATING PARTS	M2				X
77-16-12	0	72-53-39	BEARING # 4 1/2- REMOVE SUSPECT	M2				3
91-24-14	0	72-53-37	SEAL SPACERS, 4 1/2- REMOVE	M2	X			
6110	1	72-53-60	N1 TURB - INC IMP 3RD & 4TH STG	R2		X		
6164	0	72-53-46	SEAL CARBON #6 BRG - IMPROVED MAT'L	X1	X			
6456	0	72-53-00	REPLACE NUTS THAT ATTACH HPT CASE	X1	X			

MODULE: 172-54-00 EXHAUST CASE (09)

Service Bulletin	Rev	ATA Ref	SB Description	Cat	CW	PCW	NA	ND
6110	1	72-54-80	N1 TURB - INC IMP 3RD & 4TH STG	R2		X		

MODULE: 172-54-00 EXHAUST CASE (09)

Service Bulletin	Rev	ATA Ref	SB Description	Cat	CW	PCW	NA	ND
6110	1	72-54-81	N1 TURB - INC IMP 3RD & 4TH STG	R2			X	
6110	1	72-54-82	N1 TURB - INC IMP 3RD & 4TH STG	R2			X	
6131	3	72-54-25	BRKT, #6 BRG SCAV PUMP MOD TO ALLOW	R2			X	

Engine Test Review

ESN: 709495

Date: 05/31/07

Test Cell

Model: JT8D-17A

Customer: Cayman Airways

Engineering will review engine W.O. and workscope and insure test requirements have been met.

If engine rejected, circle indication causing reject.

Engine Test: Accepted Rejected For n/a

Pre-Maintenance Test: Yes No

Workscope requires Observed HM OH

				Limits		Margin	
				HM <input checked="" type="checkbox"/>	OH <input type="checkbox"/>	HM <input checked="" type="checkbox"/>	OH <input type="checkbox"/>
1.	Tt2 <u>78.8°F</u>	EGT	<u>1126°F</u>	<u>1186°F</u>	<u>n/a°F</u>	<u>-60°F</u>	<u>n/a°F</u>
	Corrected	EGT	<u>1068°F</u>				
2.	Vibration: Trim Bal Req on Inlet <u>no</u> Turbine <u>no</u>						
	Peak Vib: Inlet <u>1.9</u> Mils @ <u>6750</u> N1 Turbine <u>2.0</u> Mils @ <u>5700</u> N1						
3.	EGT Spread Act <u>72°F</u> Limit <u>230°F</u>						
4.	Oil Pressure: At Idle Power Act <u>42.1</u> PSI Limit <u>40-55</u> PSI						
	At High Power Act <u>45.9</u> PSI Limit <u>40-55</u> PSI						
5.	Breather Press *Act <u>2.4</u> "Hg Limit <u>7.13</u> "Hg						
6.	Oil Consumption *Act <u>1.04</u> P.P.H. Limit <u>1.2</u> P.P.H. or <u>n/a</u> Q.P.H.						
7.	Off Idle Stall Margin Check. Stall Free with <u>n/a</u> " Orifice.						
	Acceleration Act <u>5.6</u> sec Limit <u>7.9</u> sec.						
8.	Fn versus EPR Check: OK <u>yes</u>						
9.	Data Plate N2 Correct Speed at 1.65 EPR Orig. <u>10966</u> rpm <u>89.55</u> %						
	Change <u>10971</u> rpm <u>89.60</u> %						
10.	8 th Stg. Bleed Valve Operation Open HGA <u>40.6</u> N1 rpm <u>N/A</u> N2 rpm <u>8839</u>						
	Close HGA <u>42.1</u> N1 rpm <u>N/A</u> N2 rpm <u>9436</u>						
	OK <u>yes</u> Out of Limits <u>no</u>						
11.	Corrected TSFC at T/O <u>.600</u> at Cruise <u>.568</u>						
12.	Check PT2-in H ₂ O reading must be negative in all bands. Contact Engineering if not negative.						
	OK <input checked="" type="checkbox"/> Not <input type="checkbox"/>						

* Check for S/B 5250 compliance - Note determines oil consumption/BP limits.