NASA 7 L.H

AIRWORK

# ENGINE LOG BOOK

MODEL PT6 A-42

SERIAL NO. PCE 93298

Build SPEC. # 533

Atlanta/Burbank/Dayton/Houston/Miami
Millville/New York/Phoenix/Portland/Wichita

A subsidiary of UNC Incorporated

Build SPEC. #
533

# ENGINE DESCRIPTION

MANUFACTURER _____ MODEL PT6A-42

SERIAL NUMBER PCE 93298 DATE OF MANUFACTURE _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

AIRWORK

NIACC TECHNOLOGY INC.

**Pratt & Whitney PT6A- 42 Series**
**Fuel Nozzle Test Results**

CMM/OHM 3021442
Rev# 32

| REQUIRED FLOW RATE | | |
|---|---|---|
| 16.5 | to | 18.5 |

CUSTOMER: DynCorp Technical Services
WORK ORDER#: 89719
P.O.#: 2003 022 2845
DATE RECEIVED: 1/13/03
SERIAL NUMBER: CB 029-042

**Pre-Flow**

| | S/N | Flow Rate | Spray Quality | Leak Test | Pattern | |
|---|---|---|---|---|---|---|
| | | | | | Streaks | Voids |
| 1. | CB 029 | 16.8 | R | A | 5% | 0% |
| 2. | CB 030 | 17.0 | R | A | 10% | 0% |
| 3. | CB 031 | 16.9 | R | A | 5% | 5% |
| 4. | CB 032 | 16.8 | R | A | 5% | 10% |
| 5. | CB 033 | 17.6 | R | A | 20% | 10% |
| 6. | CB 034 | 17.5 | R | A | 10% | 5% |
| 7. | CB 035 | 17.2 | R | A | 15% | 10% |
| 8. | CB 036 | 17.0 | R | A | 15% | 20% |
| 9. | CB 037 | 16.8 | R | A | 10% | 10% |
| 10. | CB 038 | 16.8 | R | A | 15% | 5% |
| 11. | CB 039 | 17.1 | R | A | 10% | 5% |
| 12. | CB 040 | 17.4 | R | A | 15% | 0% |
| 13. | CB 041 | 17.5 | R | A | 20% | 0% |
| 14. | CB 042 | 17.2 | R | A | 10% | 10% |

**Final-Flow**

| | S/N | Flow Rate | Spray Quality | Leak Test | Pattern | |
|---|---|---|---|---|---|---|
| | | | | | Streaks | Voids |
| 1. | CB 029 | 16.6 | A | A | 0% | 0% |
| 2. | CB 030 | 17.3 | A | A | 0% | 0% |
| 3. | CB 031 | 17.0 | A | A | 0% | 0% |
| 4. | CB 032 | 16.8 | A | A | 0% | 0% |
| 5. | CB 033 | 17.8 | A | A | 0% | 0% |
| 6. | CB 034 | 17.4 | A | A | 0% | 0% |
| 7. | CB 035 | 17.6 | A | A | 0% | 0% |
| 8. | CB 036 | 17.2 | A | A | 0% | 0% |
| 9. | CB 037 | 17.2 | A | A | 0% | 0% |
| 10. | CB 038 | 17.0 | A | A | 0% | 0% |
| 11. | CB 039 | 16.7 | A | A | 0% | 0% |
| 12. | CB 040 | 17.0 | A | A | 0% | 0% |
| 13. | CB 041 | 17.4 | A | A | 0% | 0% |
| 14. | CB 042 | 17.3 | A | A | 0% | 0% |

A = Accept
R = Reject

TECHNICIAN: [signature] DATE: 1-22-03

INSPECTOR: [signature] DATE: 1-22-03

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

2.
# AUTHORIZED RELEASE CERTIFICATE
**FAA Form 8130-3,AIRWORTHINESS APPROVAL TAG**

3. Form Tracking Number:
**089719**

4. Organization Name and Address:
**Niacc Technology, Inc.**
**2546 N. Clovis Avenue**
**Fresno, CA 93727-1206**

**Repair Station:DC3R444L**
**JAA Certificate:5083**

5. Work Order/Contract/Invoice Number:
**2003 022 2845**

| 6. Item | 7. Description | 8. Part Number | 9. Eligibility * | 10. Quantity | 11. Serial/Batch Number | 12. Status/Work |
|---|---|---|---|---|---|---|
| 001 | Nozzle Set | PT6 SERIES | N/A | 1 | CB029-042 | REPAIRED |

13. Remarks CLEANED, INSPECTED, REPAIRED AND TESTED IAW PWC CMM 3021442 REV 32.

**'For JAA Customers the following applies:"** **"Certifies that the work specified in block 12/13 was carried out in accordance with JAR 145 and with respect to that work"**
**"the aircraft component is considered ready for release to service under the JAA Acceptance Certificate No:JAA.5083."**

14. Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.

☐ Non-Approved design data specified in block 13.

19.

☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13.

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

| 15. Authorized Signature: | 16. Approval/Authorization No.: | 20. Authorized Signature: | 21. Approval/Certificate No.: |
|---|---|---|---|
| | | | DC3R444L |
| 17. Name (Type or Printed): | 18. Date(m/d/y): | 22. Name (Typed or Printed): Douglas J Bey | 23. Date (m/d/y): 1/22/03 |

## 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 work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

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

4



*Installer must cross-check eligibility with applicable technical data.

# Niacc Technology, Inc.

2546 N. Clovis Avenue Fresno, CA 93727-1206 Purchasing Fax (559)347-6816
TELEPHONE: 559 291-2500 FAX: 559 347-6815 Accounting Fax (559)347-6817


## WORK ORDER



| FOR: | YOUR P.O. No...: 2003 022 2845 |
|---|---|
| DynCorp Technical Services<br>Johnson Support Division<br>P.O. Box 890949<br>Houston, TX 77289<br>Attn: Sandra Marshall<br>TEL.: 281-244-9717<br>FAX.: 281-244-9713<br><br>Terms: Net 30 | WORK ORDER DATE: Jan13-2003 DUE:<br>STATUS/WORK....: REPAIRED<br>WORK REQUESTED.: CLEAN/FLOW CHECK<br>WAREHOUSE #....: 13<br>SHIP VIA.....: FEDX P1<br>SHIP TO.....: EDWARDS |
| Part Number.:PT6 SERIES | Qty.....:1.00 COND:SV |
| Description.:Nozzle Set | SERIAL #:CB029-042 |
| Manufacturer: | AC TAIL#:--- |
| | POSITION:--- |

## WORK ORDER No. 089719 (WO)

**REPORTED BY CUSTOMER.....::**
PT6A-42

**REMARKS.....::**
CLEANED, INSPECTED, REPAIRED AND TESTED IAW PWC CMM 3021442 REV 32.

| Item | Part Number / Description | Qty COND | Discrepancy | Disposition |
|---|---|---|---|---|
| Cost of Repair | | | | |
| 1 | 3005305<br>*Washer* | 14.00 NE | *REQUIRES REPLACEMENT* | *REPLACED* |

RECEIVED WITH: 10EA PRIMARY ADAPTER P/N 3019536
3EA SECONDARY ADAPTER P/N 3019537
1EA INLET ADAPTER P/N 3019426
14EA SHEATH P/N 3102233-02

Technician Date 1-22-03

MAINTENANCE RELEASE
Certifies that the work above was carried out in accordance with FAA, JAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.

FAA Approved CRS DC3R444L

Authorized Signatures 1-22-03
INSPECTOR DATE

Copyright (c) PENTAGON 2000 Software, Inc.

# INSTALLATION RECORD

| AIRPLANE SERIAL NO. | LOCATION | DATE INSTALLED | TOTAL HOURS AT INSTALLATION | DATE REMOVED | TOTAL HOURS AT REMOVAL | AGENCY CERT. NO. |
|---|---|---|---|---|---|---|
| N7NA | No. 1 | 29 Dec 1998 | 11,361.6 | | | |
| Aircraft Ttl. Time At Installation: | | | 12,015.9 | | | |
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AIRWORK 6

# INSPECTION AND MAINTENANCE RECORD

| Date/Month/Year | TOTAL HOURS | TOTAL HOURS SINCE OVERHAUL | TOTAL CYCLES | TOTAL CYCLES SINCE OVERHAUL | |
|---|---|---|---|---|---|
| Brought Forward | | | | | |
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| Carried Forward | | | | | |

DATE: DECEMBER 18, 1998 SERIAL NUMBER: PCE 93298

TOTAL TIME : 11361.6

TOTAL CYCLES : 15207

T .S. O. : 00.0

C. S. O. : 0

AIRWORK

**Date/Month/Year**

**Particulars of overhauls, repairs, replacement or modifications to the engine**

DATE: DECEMBER 18, 1998 SERIAL NUMBER: PCE 93298

MAINTENANCE PERFORMED:

ENGINE OVERHAULED AND TESTED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS PER PRATT & WHITNEY OVERHAUL MANUAL P/N 3021443

THIS UNIT DESCRIBED HEREIN CONTAINS REPAIRS WHICH HAVE BEEN PERFORMED AND APPROVED FOR RETURN TO SERVICE IN ACCORDANCE WITH F. A. A. SFAR -36. AUTHORIZED REPAIR DATA IS ON FILE AT THIS OFFICE.

THIS POWERPLANT AND/OR COMPONENT IDENTIFIED HEREIN WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION ADMINISTRATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER:

JOB NUMBER: M23285

SIGNED: JERRY L. TRONNEM

FOR AIRWORK QT2R121L
MUNICIPAL AIRPORT
MILLVILLE, NEW JERSEY 08332

AIRWORK

## PT6 INSPECTION PARTS LIFE SUMMARY

*Model: PT6A-42*

Serial Number: PCE 93298

Job Number: M23285

Customer: LOCKHEED MARTIN LOGISTICS

Model – PT6A-42

Gas Generator Serial Number: 93298-500 / Accessory Gearbox Serial Number: 93298-700

| NOMEN-CLATURE | SERIAL NUMBER | PART NUMBER | TOTAL STARTS | CONSUMED | | REMAINING | |
|---|---|---|---|---|---|---|---|
| | | | | CYCLES | HOURS | CYCLES | HOURS |
| Hub, stg. 1 | 69A774 | 3041501 | 3039 | 3039 | 2913.9 | 26961 | N/A |
| Disk, stg. 2 | 5F046 | 3023112 | 15207 | 15207 | 11361.6 | 4793 | N/A |
| Disk, stg. 3 | 4F296 | 3023113 | 15207 | 15207 | 11366.6 | 4793 | N/A |
| Impeller | 1B346 | 3017463 | 15207 | 15207 | 11361.6 | 4793 | N/A |
| Disk, C.T. | 4K020 | 3024711 | 15207 | 15207 | 11361.6 | 4793 | N/A |
| OIL FILTER | AW26325 | 3028419 | ////////// | | 0 | ////////// | 1000 |

Power Section Serial Number: 93298-100

| NOMEN-CLATURE | SERIAL NUMBER | PART NUMBER | TOTAL STARTS | CONSUMED | | REMAINING | |
|---|---|---|---|---|---|---|---|
| | | | | CYCLES | HOURS | CYCLES | HOURS |
| Disk, PT 1 | 17A572 | 3029312 | N/A | 6919 | 5904.4 | 23081 | N/A |
| Disk, PT 2 | 16A752 | 3029313 | N/A | 6919 | 5904.4 | 23081 | N/A |

| Remarks: |
|---|
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| |

Date: DECEMBER 18, 1998

Signed: JERRY E. TRONNEM

For Airwork, FAA Repair Station # QT2R121L

**PT6 POWER SECTION**
**ACCESSORY STATUS**

CUSTOMER: LOCKHEED MARTIN LOGISTICS JOB NUMBER: M23285

SERIAL NUMBER: 93298-100 MODEL: PT6A-42

| NOMENCLATURE | PART NUMBER | SERIAL NUMBER | O/H | T.S.O. | SERV & TEST | NO SERV OR TEST |
|---|---|---|---|---|---|---|
| Power turbine governor | N/A | | | | | |
| Tach. generator N.F. | N/A | | | | | |
| Torque pressure trans. | N/A | | | | | |
| Constant speed governor | 8210-024H | 1807390 | X | 00.0 | | |
| Overspeed governor | 210638E | 2454276 | X | 00.0 | | |
| Auto feathering switch | N/A | | | | | |
| Auto feathering switch | N/A | | | | | |
| Torque limiter | 3244707-6 | A24988 | X | 00.0 | | |
| Auto feather valve | N/A | | | | | |

| Remarks: |
|---|
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| |

**** *S/N Checked against S/N on receiving report and change notices* ****

Date: DECEMBER 18, 1998 Signed: JERRY B. TRONNEM

For Airwork, FAA Repair Station # QT2R121L

PT6A INSPECTION AND MODIFICATION CERTIFICATE – POWER SECTION (PAGE 2 OF 2)

Serial Number: 93298-100

Job Number: M23285

Customer: LOCKHEED MARTIN LOGISTICS

Model – PT6A-42

| AD NUMBER | SUBJECT | DATE & HRS OF COMP. | METHOD OF COMPLIANCE | O = ONE TIME R = RECURR | NEXT COMP. DUE DATE/HRS | REMARKS |
|---|---|---|---|---|---|---|
| AD 70-16-01 | S/B 33532B – Woodward CS Governor<br><br>S/B 33532B - Woodward OS Governor | | N/A<br><br>N/A | | | |
| P.I. 002-13-2 | Hardness check prop. reversing lever | | N/A | | | |
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DATE: DECEMBER 18, 1998

SIGNED: JERRY B. TRONNEM

For Airwork Repair Station # QT2R121L

PT6A INSPECTION AND MODIFICATION CERTIFICATE
POWER SECTION - PAGE 1 OF 2

Serial Number: 93298-100

Job Number: M23285

Customer: LOCKHEED MARTIN LOGISTICS

Model – PT6A-42

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TT: | 11361.6 | TC: | 15207 | T.S.O.: | 00.0 | C.S.O.: | 0 |
| TL: | UNKNOWN | TS: | 15207 | L.S.O.: | 0 | S.S.O.: | 0 |

| ***PRATT & WHITNEY SERVICE BULLETINS EMBODIED DURING THIS SHOP VISIT:*** |
|---|
| 3147R2, 3168, 3293, 3298, 3306R1, 3308, 3309, 3336R1, 3347 |
| |
| |
| |
| ***AIRWORK AUTHORIZED REPAIRS EMBODIED DURING THIS SHOP VISIT:*** |
| 01-56-2, 01-173-1, 01-227-2, 01-407-1, 01-567-1 |
| |
| |
| |
| ***Woodward modifications embodied this shop visit::*** |
| NONE. |
| |
| |
| ***MAINTENANCE PERFORMED – POWER SECTION:*** |
| POWER SECTION OVERHAULED AND TESTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS |
| PER PRATT & WHITNEY OVERHAUL MANUAL P/N 3021443. |
| |
| |

| | |
|---|---|
| 1st stage bearings replaced – QTY: | 0 |
| P.T. Vane Class: | 19.47 |
| P.T. Stator S/N: | 8A199 |

| | |
|---|---|
| 2nd stage bearings replaced – QTY: | 0 |
| P.T. Stator mold code: | AC2S1 |

Date: DECEMBER 18, 1998

Signed: _____ JERRY L. TRONNEM

For Airwork, FAA Repair Station # QT2R121L

ESPD # 01-130-09-0450 AIRWORK 13 REVISED: 03/19/98
GAS GENERATOR ACCESSORY STATUS (SHOP RECORDS) REPAIR STATION # QT2R121L/RC3R810L

CUSTOMER: LOCKHEED MARTIN LOGISTICS JOB NUMBER: M23285

SERIAL NUMBER: PCE 93298 MODEL: PT6A-42

| NOMENCLATURE | PART NUMBER | SERIAL NUMBER | O/H | T.S.O. | SERV & TEST | NO SERV OR TEST |
|---|---|---|---|---|---|---|
| Fuel pump | 025323-300-03 | 7778 | X | 00.0 | | |
| Fuel control | 3244768-10 | B12270 | X | 00.0 | | |
| Fuel starting control | N/A | | | | | |
| Ignition regulator | N/A | | | | | |
| Ignition exciter | N/A | | | | | |
| Temperature comp. | N/A | | | | | |
| Fuel dump valve | N/A | | | | | |
| Flow divider | 3036640 | 1165 | X | 00.0 | | |
| Compressor bleed valve | N/A | | | | | |
| Compr. bleed valve RH | 3100922-05 | 8E374 | X | 00.0 | | |
| Compr. bleed valve LH | 3100923-02 | 5E951 | X | 00.0 | | |
| Fuel heater | 10585J-FGHSB08 | 330 | X | 00.0 | | |
| Starter generator | N/A | | | | | |
| Oil pressure transfer | N/A | | | | | |
| Hydraulic pump | N/A | | | | | |
| Oil temperature bulb | N/A | | | | | |
| Vacuum pump | N/A | | | | | |
| Tach. generator N.G. | N/A | | | | | |
| Thermo by-pass valve | 8A615-002 | 3111 | X | 00.0 | | |
| P-3 adapter filter | 3029268 | AW26338 | | TSN | | X |
| Engine trimmer | 3031367 | 01260 | X | 00.0 | | |

Remarks:

**** *S/N Checked against S/N on receiving report and change notices* ****

Date: DECEMBER 18, 1998

Signed: JERRY B. TRONNEM
For Airwork, FAA Repair Station # QT2R121L

PT6A INSPECTION AND MODIFICATION CERTIFICATE – GAS GENERATOR (PAGE 2 OF 2)

Serial Number: PCE 93298 Job Number: M23285

Customer: LOCKHEED MARTIN LOGISTICS Model -- PT6A-42 Job Dir: N/A

| AD NUMBER | SUBJECT | DATE & HRS OF COMP. | METHOD OF COMPLIANCE | O = ONE TIME R = RECURR | NEXT COMP. DUE DATE/HRS | REMARKS |
|---|---|---|---|---|---|---|
| AD 86-10-05 | S/B 3002, Hub | | N/A | | | |
| S.I. 29-89 | Replacement of hub ball and spring | | N/A | | | |
| S.I. 34-89 | Accessory gearbox coupling shaft – axial position | | N/A | | | |
| | Accessory gearbox coupling shaft lock engaged, S/B 3277 | DEC. 18, 1998 11361.6 | SERVICE BULLETIN 3277 | | | COMPLIED WITH THIS VISIT |
| | X-ray pre S/B 3165, Inner ducts | DEC. 18, 1998 11361.6 | PER OVERHAUL MANUAL | | | COMPLIED WITH THIS VISIT |
| | | | | | | |
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DATE: DECEMBER 18, 1998

SIGNED: JERRY B. TRONNEM

For Airwork Repair Station # QT2R121L

ESPD # 01-130-09-0300
CERTIFICATE (SHOP RECORDS)

AIRWORK

15

REVISED: 04/14/98
REPAIR STATION # QT2R121L/RC3R810L

PT6A INSPECTION AND MODIFICATION CERTIFICATE
GAS GENERATOR - PAGE 1 OF 2

Serial Number: PCE 93298
Job Number: M23285
Customer: LOCKHEED MARTIN LOGISTICS
Model – PT6A-42 Job Dir: N/A

Gas Generator S/N: 93298-500

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TT: | 11361.6 | TC: | 15207 | T.S.O.: | 00.0 | C.S.O.: | 0 |
| TL: | UNKNOWN | TS: | 15207 | L.S.O.: | 0 | S.S.O.: | 0 |

Accessory Gearbox S/N: 93298-700

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TT: | 11361.6 | TC: | 15207 | T.S.O.: | 00.0 | C.S.O.: | 0 |

C.T. Vane Class: 6.74 S/N 7K981

| ***PRATT & WHITNEY SERVICE BULLETINS EMBODIED DURING THIS SHOP VISIT:*** |
|---|
| 3202, 3205, 3231, 3294, 3299, 3304, 3307, 3308, 3309, 3310, 3311, 3321R1, 3327, 3331, |
| 3341R2, 3351R3, 3353R1, 3361. |
| |
| |
| ***AIRWORK AUTHORIZED REPAIRS EMBODIED DURING THIS SHOP VISIT:*** |
| 01-188-11, 01-358-10, 01-377-4, 01-383-1, 01-501-1, 01-565-1 |
| |
| |
| |
| ***Modifications embodied this shop visit::*** |
| NONE. |
| |
| |
| ***MAINTENANCE PERFORMED:*** |
| GAS GENERATOR OVERHAULED AND TESTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS |
| PER PRATT AND WHITNEY OVERHAUL MANUAL P/N 3021443. |
| |
| |

Date: DECEMBER 18, 1998

Signed: _____

For Airwork, FAA Repair Station # QT2R121L

# PT6A-42 ENGINE TEST CERTIFICATE

JOB NUMBER: M23285

TEST AFTER: OVERHAUL

ENGINE SERIAL NUMBER: PCE 93298

MODEL PT6A-42

REDUCTION GEAR RATIO: 0.0667:1

DATE PASSED FINAL TEST: DECEMBER 18, 1998

## *CORRECTED ENGINE PERFORMANCE*

| RATING | S.H.P. | Ng | S.F.C. | TtT5 °R |
|---|---|---|---|---|
| Take-Off | 850 | 35497 | 0.607 | 1677 |
| Trim: | 46.1 °C | | 83 °F | |
| Trimmer set to: | 22 | | OHMS | |
| Pressure ratio at: | 35000 | NG = : | 7.6 | |

C.T. VANE CLASS: 6.74

P.T. VANE CLASS: 19.47

C.T. S/N: 7K981
OIL USED – EXXON 2380

P.T. STATOR MOLD CODE: AC2S1
FUEL USED – JET A1

***I hereby certify that this engine has been tested in accordance with the manufacturer's recommendations and requirements.***

Date: DECEMBER 18, 1998

Signed: JERRY B. TRONNUM
FOR AIRWORK CORPORATION QT2R121L

| Date/Month/Year | Particulars of overhauls, repairs, replacement or modifications to the engine |
|---|---|
| 7 June 2000 | FOD Damage To 1st Stage Compressor Rotor Blades P/N 3041501 |
| TSOH 577.8 | Repaired I.A.W. PWC Maint. Man. P/N 3021442 |
| CSOH 754 | Issued 24 Sept. 99 Ch. 72-30-05 Pg. 201-211 |
| | TSN: 12,026.4, CSN. 16,060, TSOH: 577.8, CSOH: 754 |
| | Aircraft Tot. Time: 12,591.7 [signature] A+P 568788450 |
| 13 Mar 01 | Fuel Control Removed For Leak When In Idle Cutoff. |
| TSOH 790.5 Hr | Reinstalled And Rigged Per Pratt & Whitney Maint. Man. ch 73 |
| CSOH 1,056 | And Beech Maint Man ch 76. FCU: P/N 5244768-9 |
| | S/N A69763, Repair Performed By Dallas Airmotive, |
| | Van Nuys, CA. W.O. # |
| | [signature] 264 1515 A+P |
| | Note: Entry Copied From NASA NALCOMIS MAF:MCN:W4B1ION |

AIRWORK

| Date/Month/Year | Particulars of overhauls, repairs, replacement or modifications to the engine |
|---|---|
| 7 Apr 01 | Installed Serviceable Ignition Exciter P/N 10-301550-4, |
| TSOH 790.5 | S/N 98390126. 2641515 A+P |
| CSOH 1,056 | Note: Copied From NASA NALCOMIS MAF MCN: W9B1JON |
| | |
| 02 Jul 01 | Installed Serviceable P3 Filter, Inspected P3 And Py |
| TSOH 854.2 | Lines For Leaks, Performed Power Recovery Wash, |
| CSOH 1,159 | Acceleration Checked Good Per PWC Maint Man Ch. 71. |
| | During Run @ 46°C Ind. OAT. 2641515 A&P |
| | |
| 09-21-01 | Engine Time Correction as of 09-21-01 |
| TT: 12302.1 | TSO: 940.5 |
| | A&P 2360649 |
| | Kenneth L McDonald |

## INSPECTION AND MAINTENANCE RECORD

| Date/Month/Year | TOTAL HOURS | TOTAL HOURS SINCE OVERHAUL | TOTAL CYCLES | TOTAL CYCLES SINCE OVERHAUL | |
|---|---|---|---|---|---|
| Brought Forward | | | | | |
| | ENGINE TIME SINCE OVERHAUL: 975.8 | | | | |
| NOVEMBER 13, 2001 | AIRCRAFT TOTAL TIME: 12989.5 | | ENGINE TIME SINCE NEW: 12337.4 | | |
| | AIRCRAFT TOTAL CYCLES: 17280 | | ENGINE TOTAL CYCLES: 17013 | | |
| 1) | I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH | | | | |
| | FAR 91.409(F)(3) PER BEECH FIRST DETAILED INSPECTION FORM AND WAS | | | | |
| | DETERMINED TO BE IN AN AIRWORTHY CONDITION. SEE BACK OF LOG FOR | | | | |
| | AD LISTING. | | | | |
| 2) | REMOVED AND REPLACED PROPELLER GOVERNOR PART NO. 8210-024H, SERIAL | | | | |
| | NO. REMOVED: 1807390, INSTALLED 2487821 | | | | |
| 3) | REMOVED AND REPLACED T5 TERMINAL BLOCK PART NO. 3031792 | | | | |
| | | | Dale R Hoag A&P 546911242 | | |
| Carried Forward | | | | | |

| Date/Month/Year | Particulars of overhauls, repairs, replacement or modifications to the engine |
|---|---|
| NOVEMBER 20, 2001 | ENGINE TSO: ENGINE CSO.<br>ENGINE TSN: ENGINE CSN:<br>1) REMOVED AND REPLACED STARTER/GENERATOR PART # 23048-016, SERIAL # REMOVED - 17467, SERIAL # INSTALLED 16622.<br>Richard J. Dorge A&P 571065931 |
| APR 22, 02 | ENGINE TSO: ENGINE CSO:<br>ENGINE TSN: ENGINE CSN:<br>1) REMOVED AND REPLACED OVERSPEED PROP GOV PART # 210638D, SERIAL # REMOVED - 2428822, SERIAL # INSTALLED - 17411680<br>Richard J. Dorge A&P 571065931 |

AIRWORK

# INSPECTION AND MAINTENANCE RECORD

| Date/Month/Year | TOTAL HOURS | TOTAL HOURS SINCE OVERHAUL | TOTAL CYCLES | TOTAL CYCLES SINCE OVERHAUL | |
|---|---|---|---|---|---|
| Brought Forward | | | | | |
| JULY 3, 2002 | ENGINE TSO: 1177.4 | ENGINE TSN: | 12539.0 | ENGINE TOTAL CYCLES: | 17641 |
| | 1) I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH | | | | |
| | FAR 91.409 (F)(3) PER BEECH SECOND DETAILED INSPECTION FORM AND WAS | | | | |
| | DETERMINED TO BE IN AN AIRWORTHY CONDITION. SEE BACK OF LOG FOR | | | | |
| | AD LISTING. | | | | |
| | 2) ACCOMPLISHED 400 HOUR INSPECTION CLEAN AND FLOW CHECK OF ENGINE | | | | |
| | FUEL NOZZLES. | | | | |
| | 3) REMOVED AND REPLACED ALL ENGINE FLAMMABLE FLUID HOSES. | | | | |
| | | Dale R Hogg A&P 546911242 IA | | | |
| Carried Forward | | | | | |

AIRWORK

# Niacc Technology, Inc.

2546 N. Clovis Avenue Fresno, CA 93727-1206 Purchasing Fax (559)347-6816
TELEPHONE: 559 291-2500 FAX: 559 347-6815 Accounting Fax (559)347-6817


## WORK ORDER



| FOR: | YOUR P.O. No...: E02627DBPA018 |
|---|---|
| Dryden Flight Research Ctr.<br>Attn: Financial Management<br>M/S 1009<br>Edwards, CA 935230273<br>Attn: Patricia<br>Accts Payable<br>TEL.: 661-276-7966<br>FAX.: 661-276-2836<br><br>Terms: Net 30 | WORK ORDER DATE: Jun08-2001 DUE: Jun12-2001<br>STATUS/WORK....: REPAIRED<br>WORK REQUESTED.: CLEAN/FLOW TEST<br>WAREHOUSE #....: 13<br>T.S.O.....: ---<br>ENGINE S/N.....: ---<br>SHIP VIA.....: UPS GROUND |
| Part Number.:PT6 SERIES | Qty.....:1.00 COND:SV |
| Description.:Nozzle Set | SERIAL #:CB029-042 S.O.:19159 |
| Manufacturer: | AC TAIL#:--- |
| | POSITION:--- |

## WORK ORDER No. 076851 (WO)

**REPORTED BY CUSTOMER.....::**
RECEIVED 14EA SHEATHS

**REMARKS.....::**
CLEANED, INSPECTED, REPAIRED AND TESTED IAW PWC 73-10-05 REV 42

| Item | Part Number / Description | Qty COND | Discrepancy | Disposition |
|---|---|---|---|---|
| Cost of Repair | | | | |
| 1 | 3005305<br>*Washer* | 14.00 NE | *WORN* | *REPLACED* |

RECEIVED 10EA P/N 3019536 FUEL NOZZLE ADAPTERS
RECEIVED 3EA P/N 3019537 FUEL NOZZLE ADAPTERS
RECEIVED 1EA P/N 3019426 FUEL NOZZLE ADAPTER
RECEIVED 14EA P/N 3102233 SHEATHS

6-12-01
Technician Date

MAINTENANCE RELEASE
Certifies that the work above was carried out in accordance with FAA, JAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.

FAA Approved CRS DC3R444L

Authorized Signatures 6-12-01
INSPECTOR DATE

Copyright (c) PENTAGON 2000 Software, Inc.

NIACC TECHNOLOGY, INC

PRATT & WHITNEY PT6 - SERIES
FUEL NOZZLE TEST RESULTS

| REQUIRED FLOW RATE | | |
|---|---|---|
| 16.5 | to | 18.5 |

CUSTOMER: Dryden

WORK ORDER#: 76851

P.O.#: E02627DBPA0

DATE RECEIVED: 6-8-01

SERIAL NUMBER: CB 029 - 042

**Pre-Flow**

| | S/N | Flow Rate | Spray Quality | Leak Test | Pattern | |
|---|---|---|---|---|---|---|
| | | | | | Streaks | Voids |
| 1. | CB 029 | 17.1 | R | A | 10 | 0 |
| 2. | | 17.3 | R | A | 15 | 5 |
| 3. | | 17.1 | R | A | 5 | 0 |
| 4. | | 17.1 | R | A | 5 | 5 |
| 5. | | 17.4 | R | A | 5 | 0 |
| 6. | | 17.4 | R | A | 10 | 0 |
| 7. | | 17.3 | R | A | 10 | 5 |
| 8. | | 17.8 | R | A | 15 | 0 |
| 9. | | 17.7 | R | A | 20 | 10 |
| 10. | | 17.3 | R | A | 10 | 0 |
| 11. | | 17.3 | R | A | 5 | 5 |
| 12. | | 17.1 | R | A | 15 | 0 |
| 13. | | 16.9 | R | A | 5 | 5 |
| 14. | | 16.8 | R | A | 15 | 5 |

**Final-Flow**

| | S/N | Flow Rate | Spray Quality | Leak Test | Pattern | |
|---|---|---|---|---|---|---|
| | | | | | Streaks | Voids |
| 1. | CB 029 | 17.2 | A | A | 0% | 0% |
| 2. | | 17.2 | A | A | 0% | 0% |
| 3. | | 17.1 | A | A | 0% | 0% |
| 4. | | 16.8 | A | A | 0% | 0% |
| 5. | | 17.3 | A | A | 0% | 0% |
| 6. | | 17.3 | A | A | 0% | 0% |
| 7. | | 17.4 | A | A | 0% | 0% |
| 8. | | 17.8 | A | A | 0% | 0% |
| 9. | | 17.7 | A | A | 0% | 0% |
| 10. | | 17.1 | A | A | 0% | 0% |
| 11. | | 17.2 | A | A | 0% | 0% |
| 12. | | 17.3 | A | A | 0% | 0% |
| 13. | | 16.9 | A | A | 0% | 0% |
| 14. | | 16.8 | A | A | 0% | 0% |

A = Accept
R = Reject

TECHNICIAN: [signature] DATE: 6-11-01

INSPECTOR: [signature] DATE: 6-12-01

Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.

☐ Non-Approved design data specified in block 13.

| 15. Authorized Signature: | 16. Approval/Authorization No.: |
|---|---|
| 17. Name (Type or Printed): | 18. Date(m/d/y): |

19.

[X] 14 CFR 43.9 Return to Service [X] Other regulation specified in Block 13.

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

| 20. Authorized Signature | 21. Approval/Certificate No: |
|---|---|
| | DC3R444L |
| 22. Name (Typed or Printed): Doyle Beye | 23. Date (m/d/y): 12/27/02 |

## 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 work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

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



hc

Date/Month/Year

Particulars of overhauls, repairs, replacement or modifications to the engine

JANUARY 13/2003 ENGINE TSO: 1391.4 ENGINE TSN: 12753.0 ENGINE TOTAL CYCLES

1) I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 (f)(3) PER BEECH THIRD AND FOURTH DETAILED INSPECTION FORMS AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SEE BACK OF LOG FOR AD LISTINGS

2) ACCOMPLISHED 200 HOUR INSPECTION, CLEAN AND FLOW CHECK OF ENGINE FUEL NOZZLES.

3) ACCOMPLISHED TURBINE AND COMPRESSOR WASH IN ACCORDANCE WITH MAINTENANCE MANUAL.

4) REMOVED AND REPLACED BOTH IGNITION IGNITERS.

5) REMOVED AND REPLACED STARTER/GENERATOR.

Dale R Hogg A+P 546911242 1A

Accum. Cycles
Sm. 7-03-02
298

25

# INSPECTION AND MAINTENANCE RECORD

| Date/Month/Year | TOTAL HOURS | TOTAL HOURS SINCE OVERHAUL | TOTAL CYCLES | TOTAL CYCLES SINCE OVERHAUL | |
|---|---|---|---|---|---|
| | | | | | |

Br

DallasAirmotive™

15035 N. 73rd. Street / Hangar D / Scottsdale, AZ / 85260

**CERTIFICATE NO. YRR4491L**

| MANUFACTURER | UNIT NAME | TYPE/MODEL | SERIAL NUMBER |
|---|---|---|---|
| P+W | Engine | PT6A-42 | PCE 93298 |

| TSN | TSO | CSN | CSO |
|---|---|---|---|
| 12857.9 | 1496.3 | 18185 | |

OVERHAUL ☐ REPAIR ☐

C/W Hot Section Inspection I.A.W. Pratt + Whitney M.M. 3021442 Rev 27. for more details Refer To WO # R20701

THIS ENGINE OR APPLIANCE HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. R20701

DATE: 5-20-03 SIGNATURE:

Dallas Airmotive, Inc., 15035 N. 73rd. Street / Hangar D / Scottsdale, AZ / 85260 Certificate No. YRR4491L

DTP / RE: 150-003 RI

Revised: 10-95

Carried Forward

AIRWORK

Accum. Cycles
Since: 1-19-93
249

**Date/Month/Year**

**Particulars of overhauls, repairs, replacement or modifications to the engine**

SEPTEMBER 2, 2003 ENGINE TSO: 1580.7 ENGINE TSN: 12942.3 EGINE TOTAL CYCLES:

1) I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409(F)(3) PER BEECH FIRST DETAILED INSPECTION FORMS AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SEE BACK OF LOG FOR AD LISTINGS

2) ACCOMPLISHED 200 HOUR INSPECTION CLEAN AND FLOW CHECK OF ENGINE FUEL NOZZLES

Dale Hoff A+P 3469112421A

MAY 3, 2004 ENGINE TSO: 1789.8 ENGINE TSN: 13151.4 ENGINE TOTAL CYCLES:

1) I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409(F)(3) PER BEECH SECOND DETAILED INSPECTION FORMS AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SEE BACK OF LOG FOR AD LISTINGS.

2) ACCOMPLISHED 200 HR INSPECTION, CLEAN AND FLOW CHECK OF ENGINE FUEL NOZZLES.

3) REMOVED AND REPLACED P3 FILTER

4) PERFORMED ENGINE COMPRESSOR WASH AND POWER ASSURANCE RUN.

Accum. Cycles
Since: 9-02-03
290

Dale Hoff A+P 2307285 1A

28

# INSPECTION AND MAINTENANCE RECORD

| Date/Month/Year | TOTAL HOURS | TOTAL HOURS SINCE OVERHAUL | TOTAL CYCLES | TOTAL CYCLES SINCE OVERHAUL | |
|---|---|---|---|---|---|
| Brought Forward | ENGINE TSO: 2004.1 | ENGINE TSN: 13365.7 | ENGINE TOTAL CYCLES: | | |
| DECEMBER 16, 2004 | 1) I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 (f)(3) PER BEECH [redacted] THIRD AND FOURTH DETAILED INSPECTION FORMS AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SEE BACK OF LOG FOR AD LISTINGS. | | | | |
| | 2) ACCOMPLISHED 200 HR INSPECTION, CLEAN AND FLOW CHECK OF ENGINE FUEL NOZZLES. | | | | |
| | | Dale R Hoggs | A+P2307285 1A | | |
| Total Accum. Cycles Since New 13 June 03 1183 | | Accum Cycles Since 5-3-04 346 | | | |
| Carried Forward | | | | | |

AIRWORK

| 1. Approving National Aviation Authority/Country: | 2. AUTHORIZED RELEASE CERTIFICATE<br>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | 3. Form Tracking Number: |
|---|---|---|
| FAA/United States | | 106096 |

| 4. Organization Name and Address: | Repair Station:DC3R444L<br>JAA Certificate:5083 | 5. Work Order/Contract/Invoice Number: |
|---|---|---|
| Niacc-Avitech Technologies<br>2546 N. Clovis Avenue<br>Fresno, CA 93727-1206 | | 20043222623 |

| 6. Item | 7. Description | 8. Part Number | 9. Eligibility * | 10. Quantity | 11. Serial/Batch Number | 12. Status/Work |
|---|---|---|---|---|---|---|
| 001 | Nozzle Set | PT6 SERIES | N/A | 1 | AD153-166 | REPAIRED |

13. Remarks: CLEANED, INSPECTED, REPAIRED & TESTED IAW PWC CMM 3021443 REV 35.

"For JAA Customers the following applies:" "Certifies that the work specified in block 12/13 was carried out in accordance with JAR 145 and with respect to that work" "the aircraft component is considered ready for release to service under the JAA Acceptance Certificate No:JAA.5083."

14. Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.

☐ Non-Approved design data specified in block 13.

19.

[X] 14 CFR 43.9 Return to Service [X] Other regulation specified in Block 13.

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

| 15. Authorized Signature: | 16. Approval/Authorization No.: | 20. Authorized Signature: | 21. Approval/Certificate No: DC3R444L |
|---|---|---|---|
| 17. Name (Type or Printed): | 18. Date(m/d/y): | 22. Name (Typed or Printed): | 23. Date (m/d/y): |

## 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 work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

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

FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data. NSN 0052-00-012-9005

30

**Date/Month/Year**

**Particulars of overhauls, repairs, replacement or modifications to the engine**

19Jul05 Engine TSO: 2199.1 Engine TSN 13560.8 Total Cycles:

1) I certify that this Engine has been Inspected In Accordance with FAR 91.409(F)(3) per Beech first Detailed Inspection form and was Determined to be in an Airworthy condition. See Back of log for AD Listing.

2) Removed and Replaced Engine Oil filter, 3) Removed and Replaced P3 filter

4) Removed and Replaced Engine fuel Nozzles with serviceable set (200 Hour Inspection)

5) Accomplished Turbine and Compressor wash and Power Assurance Run – End

Mark A+P 570193606

07OCT05 ENGINE TSO: 2230.3 ENGINE TSN: 13591.9 ENGINE TOTAL CYCLES:

1) REMOVED AND REPLACED ENGINE IGNITION EXCITER P/N 10-381550-1.

Dale R Hoff A+P 230728514

AIRWORK

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## INSPECTION AND MAINTENANCE RECORD

| Date/Month/Year | TOTAL HOURS | TOTAL HOURS SINCE OVERHAUL | TOTAL CYCLES | TOTAL CYCLES SINCE OVERHAUL |
|---|---|---|---|---|
| Brought Forward | Eng: T.S.O. 12984.0 | Eng: TSN. 13670.8 | Eng Total cycles | TAC 19608 |
| 13 Mar 06 | Removed and Replaced Exciter Box with O/H unit P/N | | | |
| | 10-381550-1L, SIN 11795. | | Mats AFPS 20187606 | |
| ~~OCTOBER 19, 2006~~ AH | 2394.4 ENGINE TSO: | 13756.0 ENGINE T.S.N: | ENGINE TOTAL CYCLES | |
| OCTOBER 19, 2006 | 1) I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN | | | |
| | ACCORDANCE WITH FAR 91.409 (F)(3) PER BEECH 1-4 DETAILED | | | |
| | INSPECTION FOURMS AND WAS DETERMINED TO BE IN AN | | | |
| | AIRWORTHY CONDITION. SEE BACK OF LOG FOR AD LISTING. | | | |
| | 2) ACCOMPLISHED 100 HOUR INSPECTION, CLEAN AND FLOW | | | |
| | CHECK OF ENGINE FUEL NOZZLES. | | | |
| | 3) ACCOMPLISHED TURBINE AND COMPRESSOR WASH AND | | | |
| Carried Forward | POWER ASSURANCE RUN. | | | |

AIRWORK

32

Date/Month/Year

Particulars of overhauls, repairs, replacement or modifications to the engine

4) REMOVED AND REPLACED STARTER / GENERATOR IN ACCORDANCE WITH 1000HR OVERHAUL REQUIREMENT.

4) REMOVED AND REPLACED ENGINE OIL FILTER.

5) REMOVED AND REPLACED P3 FILTER.

6) REMOVED AND REPLACED ENGINE MOUNTS.

7) REMOVED AND REPLACED EXCITORS.

Cuchs Hdemandy AP2821565

05 JAN 2007 ENG T.S.O. 2475.0 ENG T.S.N. 13831.0 ENG TOTAL CYCLES

REMOVED AND REPLACED TORQUE LIMITER P/N 3244707-7 S/N A87715.

Cuchs Hdemandy AP 2821565

09 FEB 2007 ENG T.S.O. 2475.0 ENG T.S.N. 13831.0 ENG TOTAL CYCLES

REMOVED AND REPLACED FUEL CONTROL UNIT P/N 3244768-13, S/N C20306

Cuchs Hdemandy AP 2821565

AIRWORK

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# INSPECTION AND MAINTENANCE RECORD

| | TOTAL HOURS | TOTAL HOURS SINCE OVERHAUL | TOTAL CYCLES | TOTAL CYCLES SINCE OVERHAUL | |
|---|---|---|---|---|---|
| Date/Month/Year | | | | | |
| Brought Forward | | | | | |
| | ENGINE TIME SINCE OVERHAUL: 2603.9 | | | | |
| SEPTEMBER 4, 2007 | AIRCRAFT TOTAL TIME: 14612.8 ENGINE TIME SINCE NEW: 13960.7 | | | | |
| ACCUMULATED CYC. 1,515 | AIRCRAFT TOTAL CYCLES: 20041 ENGINE TOTAL CYCLES: 19700 | | | | |
| SINCE: 20 MAY 03 | 1) I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE | | | | |
| | WITH FAR 91.409 (f)(3) PER BEECH FIRST AND SECOND DETAILED | | | | |
| | INSPECTION FORMS AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY | | | | |
| PCE: 93298 | CONDITION. SEE BACK OF LOG FOR AD LISTING. | | | | |
| AS OF 06 SEP 07 | 2) ACCOMPLISHED 200 HR INSPECTION CLEAN AND FLOW CHECK OF ENGINE | | | | |
| 19,700 | FUEL NOZZLES. | | | | |
| CYCLES (TOTAL) | 3) PERFORMED COMPRESSOR AND TURBINE WASH AND POWER ASSURANCE RUN. | | | | |
| | [signature] A+P 23072851A | | | | |
| Carried Forward | | | | | |

AIRWORK

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

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA Form 8130-3,AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
119867

4. Organization Name and Address:
Niacc-Avitech Technologies
Repair Station:DC3R444L
2546 N. Clovis Avenue
Fresno, CA 93727-1206

5. Work Order/Contract/Invoice Number:
20053192434

| 6. Item | 7. Description | 8. Part Number | 9. Eligibility * | 10. Quantity | 11. Serial/Batch Number | 12. Status/Work |
|---|---|---|---|---|---|---|
| 001 | Nozzle Set | PT6 SERIES | N/A | 1 | BJ015-028 | REPAIRED |

13. Remarks CLEANED, INSPECTED, AND TESTED IAW PWC CMM 3021442 REV 37, REV DATE 4/08/05.

Installed on NPSA 7
8/8/06 Left Engine

Niacc Avitech Technologies certifies that the work specified in Blocks 12 and 13 was performed in accordance with EASA Implementation rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.5083.

14. Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.

☐ Non-Approved design data specified in block 13.

15. Authorized Signature:

16. Approval/Authorization No.:

17. Name (Type or Printed):

18. Date(m/d/y):

19.

[X] 14 CFR 43.9 Return to Service [X] Other regulation specified in Block 13.

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

20. Authorized Signature:

21. Approval/Certificate No:
DC3R444L

22. Name (Typed or Printed):
Dale Bay

23. Date (m/d/y):
Nov/16/2006

## USER/INSTALLER RESPONSIBILITIES

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

here the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 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.

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

A Form 8130-3 (6-01)

*Installer must cross-check eligibility with applicable technical data.

NSN 0052-00-012-9005

| Date/Month/Year | Particulars of overhauls, repairs, replacement or modifications to the engine |
|---|---|
| SEPTEMBER 4, 2007 | REMOVED AND REPLACED ENGINE FUEL HEATER PART NUMBER 10585K - |
| ENGINE TSO 2603.9 | FGH JSB08 3057249-01. A+P 23028851A |
| 06 Aug 08 | TSN: 14358.8 TSO: 7806.0 |
| | 1) I certify that this engine has been inspected in accordance with FAR 91.409 (f)(3) per Beech third and fourth detailed inspection forms and has been determined to be in an airworthy condition. See back of logs for AD listing |
| | 2) Removed and Replaced fuel Nozzle set. |
| | 3) Performed compressor and turbine wash and power assurance Run-End A+P 570193606 |

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## INSPECTION AND MAINTENANCE RECORD

| Date/Month/Year | TOTAL HOURS | TOTAL HOURS SINCE OVERHAUL | TOTAL CYCLES | TOTAL CYCLES SINCE OVERHAUL | |
|---|---|---|---|---|---|
| Brought Forward | | | | | |
| | | | | | |
| 04 DEC 2008 | Engine TSN | 14254.8, TSO 2893.2 | | | |
| | Accomplished 100 Hrs. Inspection, Chip Detector | | | | |
| | and Removed and Replaced P3 filter, all Work | | | | |
| | Is Done I.A.W. P&W S.I. | | | | |
| | | ~~A~~ APP 3013285 IA | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Carried Forward | | | | | |

AIRWORK