

RIGHT ENGINE

11950CT

Transport  
Canada

Transports  
Canada

TP 14182  
(Revised 05/2005)

# Engine Logbook

Volume #: 1

Opened on: 17 OCT 2008

### ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.

2. Type/Model/Series E.T.C. E-15 PT6A-135A B/S: 1200

3. Serial Number PCE- PZ0823



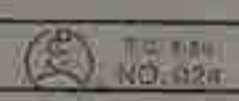


test and  
satisfactorily  
operation.

Signature

AME  
ACA/AMO  
SCA/AMO

K. PIVDOR



N950CT  
AFIT: 7097.4  
ETT: 00.0

12/01/2008  
Hobbs: 2105.1  
ETC: 00.0

Installed this engine in the Right hand position on Piper PA31-T, S/N 7720069, I/A/W Blackhawk Modifications, Inc. STC# SA00863SE. All work accomplished using instructions and drawings contained in STC. Set engine rigging I/A/W STC. New wet spline shaft installed in starter/generator, installed overhauled torque transducer from Houston Aircraft Instruments, installed overhauled overspeed governor S/N 1475968 from International Governor Services. Ops check and flight test good at this time and date.

Bode Aviation

Thomas Winters  
CRS# J7BR555Y

N950CT  
Hobbs: 2129.2  
R/H Eng

01/20/09  
AFIT: 7121.5  
ETT: 24.1

Performed an Event 2 inspection at this time using Piper 100 HR event inspection guide and P&W maintenance manual. Removed and replaced oil drain fitting with new and new O-ring. Ground run ops and leak check good at this time.

Bode Aviation

Thomas Winters  
AP5854321181A

### Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106  
N#: N950CT  
Model: P&WC PT6A-135A  
S/N: PZ0823

#2 Engine

FAA CRS J7BR555Y

Date: 2/5/09  
Hobbs: 2129.6

Removed prop governor and overspeed governor and sent to International Governor for bench check and set, reinstalled governors, ground run for leak and operational check good. I certify this engine is airworthy with respect to the above work performed.

WO# ABQ0623



Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
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### Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

**Engine #2**

FAA CRS 17BR55SY

N#: N950CT

CSN: 63

Hobbs: 2226.1

Model: P&WC PT6A-135A

Date: 9-02-09

S/N:

ETT: 121.0

Performed an Event I inspection this time and date I/A/W Piper progressive inspection 100 Hr inspection program. All filters inspected and cleaned. New hydraulic filter installed. New fuel pump filter installed. Cleaned and inspected igniters. Adjusted idle to 61%. Ground run for leak and operational check good. I certify this engine has been inspected I/A/W an Event I inspection and was found airworthy with respect to the work performed.

Dave Modisette

WO# ABQ0929

### Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

**Engine #2**

FAA CRS 17BR55SY

N#: N950CT

CSN: 79

Hobbs: 2256.6

Model: P&WC PT6A-135A

Date: 1/25/10

S/N: PCE-P20823

TSN: 151.5

Performed an Event II inspection this time and date IAW Piper progressive inspection 100 Hr inspection program. All filters inspected and cleaned. Drained oil and serviced with BP2380. New hydraulic filter installed. New fuel pump filter installed. Cleaned and inspected igniters. Ground run for leak and operational check good.

I certify this engine has been inspected I/A/W an Event II inspection and was found airworthy with respect to the work performed.

Dave Modisette

WO# ABQ1119

### Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

**Engine #2**

FAA CRS 17BR55SY

N#: N950CT

CSN: 147

Hobbs: 2402.2

Model: P&WC PT6A-135A

Date: 2/17/11

S/N: PCE-P20823

ETT: 297.1

Performed an Event I and II inspection this time and date I/A/W Piper progressive inspection 100 Hr inspection program. Drained oil and serviced with BP2380. All filters inspected and cleaned. New hydraulic filter installed. New fuel pump filter installed. Cleaned and inspected igniters. Replaced fuel nozzles with serviceable fuel nozzle kit from Heritage Turbines, see FAA form 8131-3 Dated 4/16/10. Borescoped engine, NDN. Ground run for leak and operational check good.

I certify this engine has been inspected I/A/W an Event I & II inspection and was found airworthy with respect to the work performed.

Dave Modisette

WO# ABQ1600

Signature

AME  
ACA/AMO  
SCA/AMO

Bode Aviation 3/8/12  
N950CT  
R/H Eng

Hobbs: 2506.9  
AFTT: 7499.2  
ETT: 401.8

Performed Events 1&2 inspection at this time using Piper 100 HR event inspection guide and P&W maintenance manual. Fuel and oil filters inspected and cleaned. Igniters inspected and cleaned. Ground run ops and leak check good at this time.

Michael G. Angle  CRS J7BR555Y / WO ABQ2065

## Bode Aviation

2505 Clark Carr Loop SE, Albuquerque, NM 87106  
N#: N950CT  
Model: P&WC PT6A-135A  
S/N: PCE-PZ0823

Engine #2

FAA CRS J7BR555Y

Hobbs: 2628.9  
Date: 04/01/13  
TSN: 523.8



Performed an Event I and II inspection this time and date I/A/W Piper progressive inspection 100 Hr inspection program. All filters inspected and cleaned. New fuel pump filter installed. Cleaned and inspected igniters. Ground run for leak and operational check good.

I certify this engine has been inspected I/A/W an **Event I & II** inspection and was found airworthy with respect to the work performed.

Alex Torres 

WO# ABQ2474

# DallasAirmotive

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

CUSTOMER: BMT ACQUISITION, LLC  
HOBBS: 2677.1 TAT: 7669.4  
ENG MOD: PT6A-135A POSITION: RH  
TTSN: 572.0 TCSN: 284

REG: N950CT SN: 31T-7720069  
LNDGS: N/A  
SN: PCE-PZ0823

Borescoped hot section through nozzle port #14, inspected Main Oil Filter, Inspected 1<sup>st</sup> stage Compressor Blades, inspected Chip detector. All work accomplished with reference to PT6A-135A Maintenance Manual 3043512 revision 27.2 dated 8/19/13 and other data and methods acceptable to the administrator. Leak check required prior to release for service.

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

Sales Order No.: FS 33216 Date: 9/20/13


Signed: Scott Johnson  



**Section 1: Record of engine maintenance and elementary work**

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
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**TIFFIN AIRE**



**N950CT Right Engine Log** Date 04/28/2014 Hr meter 2713.5 Total time 608.7

COMPLETED EVENTS 1,2,3 AND 4 INSPECTIONS IN ACCORDANCE WITH PIPER PA31T AND T1 INSPECTION FORMS. COMPLIED WITH 100 HOUR FUEL OUTLET FILTER REPLACEMENT AND FUEL INLET FILTER INSPECTION. COMPLIED WITH 100 HOUR OIL FILTER, GEAR BOX SCREEN AND CHIP DETECTOR INSPECTION. REPLACED IGNITOR PLUGS WITH NEW CHAMPION CH34055. COMPLIED WITH 100 HOUR IGNITOR TEST. COMPLIED WITH 100 HOUR COMPRESSOR WASH AND T-WHEEL RINSE. COMPLIED WITH 300 HOUR STARTER/GENERATOR SPLINE INSPECTION AND BRUSH INSPECTION. SERVICED ENGINE WITH 2 QUARTS BP2380 OIL. CLEANED ENGINE WITH SOLVENT AND TEST RUN. AD'S CHECKED THROUGH 2014-07.

I certify that this right engine has been inspected in accordance with an events 1,2,3 & 4 inspection and was determined to be in airworthy condition.

Work performed by Tiffin Aire, Inc. Signature [Signature] AI3439735


Jaeger Aircraft, L.L.C.  
 19502 E. Rogers Post Rd., Claremore, OK 74019  
 N#: N950CT  
 Eng Model: PT6A-135A  
 S/N: PCE-PZ0823

Engine #2  
 Hr. Meter 2746.7  
 ETT: 641.9  
 Date: 3-10-15

Removed oil, fuel and hydraulic lines on engine #2, S/N PCE-PZ0823. Installed new lines supplied by customer (reference Tiffin Aire Inc. Invoice #587154 for part numbers and description); removed, resealed and installed new sump drain. All work accomplished pursuant to PT6A-135A Maintenance Manual and Piper Cheyenne Service Manual. Run up and leak check satisfactory.

Howard Jaeger, IA#149604866 [Signature]

**TIFFIN AIRE**



**N950CT Right Engine Log** Date 06/01/2015 Hobbs 2757.6 TTSN 652.5

REPLACED NOZZLES WITH SET CLEANED, INSPECTED AND FLOW TESTED BY STANDARD AERO. PERFORMED BORESCOPE INSPECTION. NO DEFECTS NOTED. INSPECTED FUEL INLET AND RGB SCREENS. NO DEFECTS NOTED. REPLACED FUEL OUTLET FILTER WITH NEW. OILWASH TEST. COLLECTED SAMPLE AND SENT TO AVLAB. SERVICED WITH 9 QUARTS BP2380. COMPLETED EVENTS 1 AND 2 AND 4 INSPECTIONS IN ACCORDANCE WITH PIPER PA31T AND T1 INSPECTION CHECKLIST. AD'S RESEARCHED THROUGH 2015-07-01. CLEANED ENGINE WITH SOLVENT AND TEST RUN. WASH AND RINSE.

I certify that this right engine has been inspected in accordance with an Event Land 4 inspection and was determined to be in airworthy condition.

Work performed by Tiffin Aire, Inc. Signature [Signature] 34621561A

Signature

AME  
ACA/AMO  
SCA/AMO

# TIFFIN AIRE



N950CT Right Engine Log Date 06/01/2016 Hobbs 2796.6 TSN 691.5

REPLACED FUEL PRESSURE FILTER WITH NEW. INSPECTED FUEL INLET AND RGB SCREENS. NO DEFECTS NOTED. COLLECTED OIL SAMPLE AND SENT TO AVLAB. PERFORMED COMPRESSOR AND CT RINSE. COMPLETED EVENTS 1 AND 2 IN ACCORDANCE WITH PIPER PA31T EVENTS 1 AND 2 CHECKLISTS I AD'S RESEARCHED THROUGH 2016-09.

I certify that this right engine has been inspected in accordance with an Events 1 and 2 inspection and was determined to be in airworthy condition.

Work performed by Tiffin Aire, Inc.

Signature

3462156IA

# TIFFIN AIRE



N950CT Right Engine Log Date 07/14/2017 Hobbs 2833.8 TSN 728.7

REPLACE FUEL PRESSURE FILTER WITH NEW. INSPECTED FUEL INLET AND RGB SCREENS. NO DEFECTS NOTED. COLLECTED OIL SAMPLE AND SENT TO AVLAB. PERFORMED COMPRESSOR AND CT RINSE. COMPLETED EVENTS 1 AND 2 IN ACCORDANCE WITH PIPER PA31T/PA31T1 EVENTS 1 AND 2 INSPECTION CHECKLISTS DATED 10/27/94. A.D.'S RESEARCHED THROUGH 2017-12.

I certify that this right engine has been inspected in accordance with an Event 1 and 2 inspection and was determined to be in airworthy condition.

Work performed by Tiffin Aire, Inc.

Signature

IA3462156



# TIFFIN AIRE



N950CT Right Engine Log Date 08/01/2018 Hobbs 2856.3 TSN 751.2  
COMPLETED EVENTS 1 AND 2 IN ACCORDANCE WITH PIPER PA31T AND PA31T1 INSPECTION CHECKLIST. 100 HOUR FUEL  
OUTLET FILTER REPLACEMENT FUEL INLET FILTER INSPECTION. INSPECTED OIL FILTER, RETRIEVED OIL SAMPLE. INSPECTED  
RGB FILTER AND CHIP DETECTOR. INSPECTED IGNITION SYSTEM AND IGNITORS TESTED. COMPRESSOR WASH AND T-WHEEL  
RINSE. 300 HOUR STARTER GENERATOR SPLINE AND BRUSH INSPECTION. SERVICED ENGINE WITH EASTMAN 2380 OIL.  
REINSTALLED REPAIRED FUEL PUMP P/N 702801-5 S/N 002303. WASHED AND OPERATIONALLY TESTED – OK. CHECKED  
A.D.'S THROUGH 2018-13

I certify that this right engine has been inspected in accordance with an annual inspection and was determined to be in  
airworthy condition.

Work performed by Tiffin Aire, Inc.

Signature

IA3462159

# TIFFIN AIRE



N950CT Right Engine Log Date 9/3/2019 Hobbs 2885.0 Total Time 779.9  
COMPLETED EVENTS 1 AND 2 IN ACCORDANCE WITH PIPER PA31T/PA31T1 INSPECTION CHECKLIST. COMPLIED WITH 100  
HOUR FUEL OUTLET FILTER REPLACEMENT AND FUEL INLET FILTER INSPECTION. COMPLIED WITH 100 HOUR OIL FILTER,  
GEAR BOX SCREEN AND CHIP DETECTOR INSPECTION. INSPECTED IGNITOR PLUGS, LEADS AND IGNITOR BOX. TESTED OK.  
COMPLIED WITH 100 HOUR COMPRESSOR WASH AND T-WHEEL RINSE. COMPLIED WITH 300 HOUR STARTER/GENERATOR  
SPLINE INSPECTION AND BRUSH INSPECTION. INSTALLED WITH NEW DRIVE SPLINE O-RING. SERVICED WITH 2 QUARTS  
EASTMAN 2380 TURBINE OIL. WASHED ENGINE. CHECKED A.D.S THROUGH 2019-14. OPERATIONALLY TESTED ENGINE.  
REPLACED DEICE BRUSHES.

I certify that this right engine has been inspected in accordance with an annual inspection and was determined to be in  
airworthy condition.

Work performed by Tiffin Aire, Inc.

Signature

IA3462159