



Transport  
Canada

Transports  
Canada

TP 14182E



(Revised 05/2005)

**Engine Logbook**  
**GAS GENERATOR**  
**MODULE LOG BOOK**

Canada

Volume #: 1

Opened on: 15 OCT 2006

### ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.

2. Type/Model/Series PT6A-66D B/S: 1198

3. Serial Number PCE-RV0043



Other related Transport Canada Publications:  
TP 14089B  
TP 14058E/F

Previous Edition:  
TP 3910E, 2nd Edition (Jan. 1987)  
TP 14182E (Dec. 2003)

Printed in Canada.

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TP 14182E  
(05/2005)  
TC-1001185  
Catalogue No. T52-4/2-2003E



Section 1: Record of engine maintenance and elementary work

\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*

N74MA Date 5/18/2007 A/C 98.8 Hrs.TT, Eng.TT 98.8  
 1st 100 Hr/100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-01  
 Inspected Igniters check ok, Inspected oil filter ok, Inspected wiring and general  
 condition of Engine area Ok. Performed Compressor Wash and "T" Wheel Rinse  
 Performed Insitu Fuel Nozzle Cleaning. IAW P&W MM Chapter 71-00-00  
 Ground check and run-up Ok  
 See AD List for Details.  
 C/W SB70-149 Air conditioner system V-Band clamp retorque



task

Inspected for recorded Overtemp 901 C for 4 sec  
 per Chapter 71-00-00 Figure 502 Overtemp falls in  
 Area A Log Book Entry Only no further action required

P&W SB14389 N/A per Woodward SB83212-73-012

I certify that this Engine has been inspected in  
 accordance with a 1st 100 Hr. Inspection and was  
 determined to be in airworthy condition.

Repair Station No. AJVR135C  
 Make P&W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Mark N74MA

The aircraft/component identified above was repaired  
 and inspected in accordance with current Regulations of  
 Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. T8722 Date 5/18/2007  
 Signed *[Signature]* Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141



\*\*\*\*\*MUNCIE AVIATION CO. CRS#AJVR135C\*\*\*\*\*

N74MA DATE 5/23/2007 TSN Hobbs 98.8  
 C/W Pratt & Whitney SB14394 New Oil Tank Cap  
 and Gage assembly P#3071237-01 See TCCA24-0078  
 fo details  
 Ground check and run up Ok

Make Socata Ser.No. 385  
 Model TBM850 Reg.Marl N74MA  
 The aircraft/component identified above was repaired  
 inspected in accordance with current Regulations of the  
 Federal Aviation Administration and found airworthy, and  
 is approved for return to service for work performed  
 Pertinent details of the repair are on file at the agency  
 Work Order Number T8722 Date 5/23/2007  
 Signed *[Signature]* Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141



\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*

N74MA Date 12/7/2007 A/C 207.2 Hrs.TT, Eng.TT 207.2  
 C/W Annual/100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-01  
 Inspected Igniters check ok, Inspected oil filter ok, Inspected wiring and general  
 condition of Engine area Ok. Performed Compressor Wash and "T" Wheel Rinse  
 Performed Insitu Fuel Nozzle Cleaning. IAW P&W MM Chapter 71-00-00  
 Ground check and run-up Ok  
 See AD List for Details.



I certify that this Engine has been inspected in  
 accordance with a Annual/100 Hr. Insp. and was  
 determined to be in airworthy condition

Repair Station No. AJVR135C  
 Make P&W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Mark N74MA

The aircraft/component identified above was repaired  
 and inspected in accordance with current Regulations of  
 Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. T9138 Date 12/7/2007  
 Signed *[Signature]* Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141



\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*



N74MA Date 6/6/2008 A/C 299.5 Hrs.TT, Eng.TT 299.5  
 C/W 300 Hr. Inspection C/W ref TBM Service manual chapter 5-20-03  
 Inspected Igniters check ok, Inspected oil filter ok, Inspected wiring and general  
 condition of Engine area Ok. Performed Compressor Wash and "T" Wheel Rinse  
 Performed Insitu Fuel Nozzle Cleaning. IAW P&W MM Chapter 71-00-00  
 Ground check and run-up Ok  
 See AD Listing dated 6/6/2008 for Details.

ME  
/AMO  
/AMO

\*\*\*\*\*

N74MA  
C/W Ann  
Inspected  
condition  
Removed  
Dallas Ai  
normal.

I certify that this Engine has been inspected in  
 accordance with a Annual/100 Hr. Insp. and was  
 determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P&W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Mark N74MA  
 The aircraft/component identified above was repaired  
 and inspected in accordance with current Regulations of  
 Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. T9450 Date 6/6/2008  
 Signed *[Signature]* Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141



Pertinent details of the repair are on file at the Agency  
 Work Order No. T9807 Date 12/18/2008  
 Signed *[Signature]* Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141



\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*

N74MA	DATE	A/C Hobbs	A/C TT	ETSN	PTSN
N74MA	6/4/2009	507.8	507.8	507.8	507.8

100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-02  
 C/W Compressor wash and T-Wheel Rinse per P&W Service Manual  
 C/W Insitu Method of Fuel Nozzle cleaning CH71-00-00  
 Replaced Right Fwd center Plenum piece



I certify that this Engine has been inspected in  
 accordance with a 100 Hr Insp. and was  
 determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P & W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Number N74MA  
 The aircraft/component identified above was repaired  
 and inspected in accordance with current Regulations of  
 Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. T8109 Date 6/4/2009  
 Signed *[Signature]* Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141



Section 1: Record of engine maintenance and elementary work

\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*

C/W 1,3 yr 600 Hr specials  
 ✓ N74MA Date 12/10/2009 A/C 614.6 Hrs.TT, Eng.TT 614.6 524 Cycles  
 C/W Annual/600 Hr. Inspection C/W ref TBM Service manual chapter 5-20-04 & 05  
 Inspected Igniters check ok, Inspected oil filter ok, Inspected wiring and general condition of Engine area Ok. Performed Compressor Wash and "T" Wheel Rinse  
 Performed fuel nozzle in-situ wash IAW P&W MM Chapter 71-00-00  
 Replaced Right central plenum P/NT700G716000500000, gasket P/NZ00N.7423512038 using new bolts  
 P/NZ00N.516752004 Torqued and saftied

✓ **TBM850**  
 by DAHER-SOCATA

I certify that this Engine has been inspected in accordance with a Annual/600 Hr. Insp. and was determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P&W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Mark N74MA  
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. T0489 Date 12/10/2009  
 Signed [Signature] Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141 

\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*

✓ N74MA DATE 6/30/2010 A/C Hobbs 708.8 A/C TT 708.8 ETSN 708.8 PTSN 708.8  
 100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-02  
 C/W Compressor wash and T-Wheel Rinse per P&W Service Manual  
 C/W Insitu Method of Fuel Nozzle cleaning CH71-00-00

 **Piper**  
 THE NEW PIPER AIRCRAFT, INC.

✓  **DAHER-SOCATA**

I certify that this Engine has been inspected in accordance with a 100 Hr Insp. and was determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P & W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Number N74MA  
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. T-0831 Date 6/30/2010  
 Signed [Signature] Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141 

\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*

✓ N74MA DATE 6/17/2011 A/C Hobbs 924.4 A/C TT 924.4 Cycles 751 ETSN 924.4 PTSN 924.4  
 100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-02  
 C/W Compressor wash and T-Wheel Rinse per P&W Service Manual  
 C/W Insitu Method of Fuel Nozzle cleaning CH71-00-00

 **Piper**  
 THE NEW PIPER AIRCRAFT, INC.

✓  **DAHER-SOCATA**

I certify that this Engine has been inspected in accordance with a 100 Hr Insp. and was determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P & W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Number N74MA  
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. T1432 Date 6/17/2011  
 Signed [Signature] Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141 

\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*

C/W 1&4, yr 100 Hr specials A/C TT Cycles  
 ✓ N74MA Date 12/20/2010 810.7 683  
 C/W Annual/100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-04 & 05  
 Inspected Igniters check ok, Inspected oil filter ok, Inspected wiring and general condition of Engine area Ok. Performed Compressor Wash and "T" Wheel Rinse  
 Performed fuel nozzle in-situ wash IAW P&W MM Chapter 71-00-00  
 Replaced Right central plenum P/NT700G716000500000,  
 Replaced Rt side drain ADEL Clamp P/N DG-6

✓ **TBM850**  
 by DAHER-SOCATA

I certify that this Engine has been inspected in accordance with a Annual/100 Hr. Insp. and was determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P&W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Mark N74MA  
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. T1129 Date 12/20/2010  
 Signed [Signature] Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141 

\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*

C/W 1 yr & 1000 Hr specials A/C TT Cycles  
 ✓ N74MA Date 12/23/2011 992.9 816  
 C/W Annual/100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-04 & 05  
 Inspected Igniters check ok, Replaced oil filter & P3 Filters, Inspected wiring and general condition of Engine area Ok. Performed Compressor Wash and "T" Wheel Rinse  
 Performed fuel nozzle in-situ wash IAW P&W MM Chapter 71-00-00  
 See AD Listing Dated 12/19/2001 for details

✓ **TBM850**  
 by DAHER-SOCATA

I certify that this Engine has been inspected in accordance with a Annual/100 Hr. Insp. and was determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P&W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Mark N74MA  
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. T1785 Date 12/23/2011  
 Signed [Signature] Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141 

\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*

✓ N74MA DATE 8/8/2012 A/C Hobbs 1101.1 A/C TT 1101.1 Cycles 897 ETSN 1101.1 PTSN 1101.1  
 100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-02  
 C/W Compressor wash and T-Wheel Rinse per P&W Service Manual  
 C/W Insitu Method of Fuel Nozzle cleaning CH71-00-00

✓  **DAHER-SOCATA**

I certify that this Engine has been inspected in accordance with a 100 Hr Insp. and was determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P & W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Number N74MA  
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. T2202 Date 8/8/2012  
 Signed [Signature] Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141 

Section 1: Record of engine maintenance and elementary work

\*\*\*\*\***MUNCIE AVIATION CO. CRS#AJVR135C**\*\*\*\*\*

Date	A/C TT	Cycles
N74MA ✓ 1/2/2013	1159.4	942

Annual/600 Hr. Inspection C/W ref TBM Service manual chapter 5-20-04  
 Inspected Igniters check ok, Replaced oil filter & P3 Filters, Inspected wiring and general condition of Engine area Ok. Performed Compressor Wash and "T" Wheel Rinse  
 Reinstalled fuel nozzles after flow test by Dallas Airmotive see 8130 for details  
 Borescoped no defects in power section, 1st stage compressor minor nicks and rough Dressed blades  
 Starter Generator reinstalled after Overhaul by Hoosier Accessories see 8130 for details  
 Installed New Stanby Generator Brushes P/N ALE1013AS  
 Replaced BETA Brush block P/N 758-276  
 See AD Listing Dated 12/28/2012 for details

I certify that this Engine has been inspected in accordance with a Annual/600 Hr. Insp. and was determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P&W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Mark N74MA  
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. T2401 Date 1/2/2013  
 Signed [Signature] Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141

**TBM850**  
by DAHER-SOCATA

\*\*\*\*\***MUNCIE AVIATION CO. CRS#AJVR135C**\*\*\*\*\*

DATE	A/C Hobbs	A/C TT	Cycles	ETSN	PTSN
N74MA ✓ 10/18/2013	1303.4	1303.4	1072	1303.4	1303.4

100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-02  
 C/W Compressor wash and T-Wheel Rinse per P&W Service Manual  
 C/W Insitu Method of Fuel Nozzle cleaning CH71-00-00

I certify that this Engine has been inspected in accordance with a 100 Hr Insp. and was determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P & W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Number N74MA  
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. S000462 Date 10/18/2013  
 Signed [Signature] Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C

**Piper**  
THE NEW PIPER AIRCRAFT, INC.

**DAHER-SOCATA**

\*\*\*\*\***MUNCIE AVIATION CO. CRS#AJVR135C**\*\*\*\*\*

Date	A/C TT	Cycles
N74MA ✓ 1/17/2014	1033	1090

C/W 1&2 yr specials Ch 05-20-05  
 C/W Socata Annual A+ Inspection New 200 Hr or 12 months Program  
 Checked condition of Engine area Ok. Performed Compressor Wash and "T" Wheel Rinse  
 IAW Pratt & Whitney MM Chapter 71-00-00,  
 C/W insitu Method of fuel nozzle cleaning per P&W MM Chater 71-00-00  
 Borescoped Engine with fuel nozzles removed no defects noted at this time  
 C/W SB70-132 Amement #1 Installed Chip Detector Kit P/N OP-T70K140-00  
 Ground check and run-up Ok

I certify that this Engine has been inspected in accordance with a Annual A+ Insp. and was determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P&W Ser No PCE-RV0191  
 Model PT6A-66D Reg. Mark N74MA  
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. S000593 Date 1/17/2014  
 Signed [Signature] Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141

**MAC**

\*\*\*\*\***MUNCIE AVIATION CO. CRS#AJVR135C**\*\*\*\*\*

Date	A/C TT	Cycles
N74MA ✓ 2/6/2015	1520.2	1218

C/W 1&4 yr specials Ch 05-20-05  
 C/W Socata Annual B+ Inspection New 200 Hr or 12 months Program  
 Checked condition of Engine area Ok. Performed Compressor Wash and "T" Wheel Rinse  
 IAW Pratt & Whitney MM Chapter 71-00-00,  
 C/W 400 Hr Fuel nozzle flow test see Dallas Airmotive 8130's for details reinstalled using seal kit AL-FN-301  
 Borescoped Engine with fuel nozzles removed no defects noted at this time  
 Replaced Left Cowl stow latch P/N T700A711000500101

I certify that this Engine has been inspected in accordance with a Annual B+ Insp. and was determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P&W Ser.No PCE-RV0191  
 Model PT6A-66D Reg.Mark N74MA  
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. S001139 Date 2/6/2015  
 Signed [Signature] Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141

**MAC**

\*\*\*\*\***MUNCIE AVIATION CO. CRS#AJVR135C**\*\*\*\*\*

DATE	Hobbs	Cycles	Make	P&W	Ser.No.	RV0043
N74MA ✓ 3/1/2016	1728.5	1383	PT6A-66D	Reg.Mark	N74MA	✓

Removed Engine for Hot Section Inspection and P&W Service Bulletin Compliance

The aircraft/component identified above was repaired inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed  
 Pertinent details of the repair are on file at the agency  
 Work Order Number S001688 Date 3/1/2016  
 Signed [Signature] Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141

**MAC**

Section 1: Record of engine maintenance and elementary work

Date	Time since new	Time since overhaul	Total cycles	Details of task
 40591 AIRPORT ROAD, NEW LONDON, NC 28127 CERTIFICATE NO. YRR2491L				
WORK ORDER NUMBER	ENGINE SERIAL NUMBER	MODEL	DATE	
RPR42118	PCE-RV0043	PT6A-66D	4/8/16	
ENGINE T.S.N.	ENGINE C.S.N.	ENGINE T.S.O.	ENGINE C.S.O.	SIGNATURE
1728.5	1383	NA	NA	C. PECKHAM
ACCESSORY INSTALLATION				
NAME	P/N	S/N	TSO	REMARKS
FUEL CONTROL	8063-063	14924237	1728.5	
FLOW DIVIDER	3023670	9959530080	1728.5	
FUEL HEATER	10585K	WA27871	1728.5	
FUEL PUMP	825601-5	007982	1728.5	
TORQUE LIMITER	3244862-2	C35285	1728.5	
OVERSPEED GOV.	N/REC	N/REC	1728.5	
CONSTANT SPEED GOV.	8210-007	14898218G	1728.5	N/REC
I.P. BLEED VALVE	N/A	N/A	1728.5	
I.P. BLEED VALVE	3059835-01	AHX006402	1728.5	N/A
THERMO BY-PASS VALVE	3024996	6259	1728.5	
OIL FILTER	3024084	NSN	569.1	
P3 FILTER	WF336238	NSN	569.1	
15 TRIMMER	3053995CL12	NRA01288	00.0	NEW 30.3 OHMS
IGNITER/REGULATOR	10-381550-4E	NNA0632474	1728.5	



40591 Airport Road  
New London, NC 28127  
CERTIFICATE NO. YRR2491L

PT6A-66D Engine S/N: PCE-RV0043 T.S.N.: 1728.5 C.S.N.: 1383 T.S.O.: NA C.S.O.: NA

REPAIRED ENGINE FOR COMPRESSOR FOD. INSTALLED 1 EA. REPAIRED INLET CASE P/N 3114545-01 S/N 8612. BLEND REPAIRED COMPRESSOR STAGES AS NEEDED. INSTALLED 1 EA. OVERHAULED 3<sup>RD</sup> STG. VANE AND SHROUD P/N 3118473-01 S/N 229/2. AND 1 EA. NEW ROTOR AIR SEAL P/N 3076003-02. BALANCED COMPRESSOR ASSY. COMPLIED WITH HOT SECTION INSPECTION. INSTALLED 1 EA. REPAIRED STATOR AIR SEAL P/N 3116352-01. 1 EA. NEW ROTOR AIR SEAL P/N 3071612CL01. 1 EA. REPAIRED OUTER LINER P/N 3055663-01 S/N 1AA004A490. 1 EA. REPAIRED SMALL DUCT P/N 3123302-01 S/N A00224NA. 1 EA. NEW W SEAL P/N 3070389-01. 1 EA. NEW C SEAL P/N 3070391-01. 10 EA. NEW SEGMENTS P/N 3039465CL16. 1 EA. NEW CT VANE SEAL RING P/N 3123386-01. 1 EA. NEW PT SEAL RING P/N 3057818-01. AND 2 EA. NEW IGNITORS P/N CH340555 CLEANED AND PERFORMED SPRAY PATTERN AND LEAK CHECKS OF FUEL NOZZLE ADAPTER ASSEMBLIES. COMPLIED WITH POWER SECTION REPAIR. INSTALLED 1 EA. OVERHAULED REAR RGB HOUSING P/N 3112923-01. 1 EA. OVERHAULED FLEX COUPLING P/N 3012286. 1 EA. NEW TORQUE VALVE P/N 3012347. 1 EA. NEW 1<sup>ST</sup> STG. GEARSET P/N 3059925-01 SET # AR204. 1 EA. NEW 1<sup>ST</sup> STG. RING GEAR P/N 3059927-01 S/N PKAAA652408. 1 EA. NEW 1<sup>ST</sup> STG. SUN GEAR P/N 3059928-01 S/N PKAAA655679. 1 EA. NEW #3/#4 OIL PRESSURE TUBE P/N 3071722-01. AND 1 EA. NEW AIR SEAL P/N 3039718CL09. TESTED ENGINE. REPAIRED AND PREPARED FOR SHIPMENT. ALL WORK DONE WITH REFERENCE TO PRATT & WHITNEY OVERHAUL MANUAL P/N 3070903 REV. 11 DATED 23 MARCH 2016. MAINT. MANUAL P/N 3070902 REV. 17 DATED 07 MARCH 2016. AND OTHER DATA AND METHODS ACCEPTABLE TO THE ADMINISTRATOR.

PT VANE AREA=7.19 PT STATOR AREA=23.27  
BOV SEAT AS TESTED=CL14 BOV SEAT AS SHIPPED=CL16  
PT TRIM=(G10N, E18N, G27N, N/R)

COMPLIED WITH SERVICE BULLETINS: SB14357R4, SB14398R5, SB14407R3, SB14408R2, SB14416R2, SB14450, SB14451R1, AND SB14495R3  
SERVICE BULLETIN SB14511R1 NOT APPLICABLE PER ENGINE S/N AND PT BLADE S/N'S.

CORRECTED ENGINE PERFORMANCE

SHP	Ng %	Ts °F	Ts °C	SFC	POWER CHECK T. TARGET	DATA PLATE SPEED@850 SHP	T. PULL DOWN REQUIRED	T. TRIMMER	ADJUSTED
950	93.3	1521	827	.636	NA	34733/92.6%	36.1 °C	P/N 3053995CL12	@ 30.3

LIFE LIMITED COMPONENTS INSTALLATION (NOTE: REFER TO S/B, LATEST REVISION, FOR APPROVED LIFE LIMITS)

Name	Part Number	Serial Number	Total Cycles	Cycles Rem	Name	Part Number	Serial Number	Total Cycles	Cycles Rem
Small Comp Rot	3043063	PKAAA048058	1383	22617	Disk Stg 1 PT	3037312	A00232XF	1383	13617
Rotor Stg 1 Comp	3042701	TXA1B0486	1383	22617	Disk Stg 2 PT	3037313	A00221C1	1383	13617
Rotor Stg 2 Comp	3040942	EAAA000E557	1383	22617	Blade C1	3118911-01		TT=1728.5	
Rotor Stg 3 Comp	3040933	EAAA000E630	1383	22617	Blade 1st Stg PT	3122972-01		TT=1728.5	
Rotor Stg 4 Comp	3040944	EAAA000E619	1383	22617	Blade 2 <sup>nd</sup> Stg P1	3056693-01		TT=1728.5	FIMI RLM=3271.5
Compressor	3036898	EAAA000E725	1383	22617					PERSB14603R22
Igniter	3053740-01	A0022F82	1383	6617					CYCLES CALC PER SB14002R23

This engine 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: RPR42118

Signature: *C. Peckham* 236

Date: 08 APRIL 2016

\*\*\*\*\*MUNCIE AVIATION CO. CRS#AJVR135C\*\*\*\*\*

C/W 1&3 yr specials Ch 05-20-05

Date	A/C TT	Cycles	TSHSL	T cycles	Cycles SHSL
N74MA 4/18/2016	1728.5	1383	0	1383	

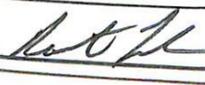
Annual/C+ Inspection C/W ref Socata TBM Service manual chapter 5-20-04  
 Reinstalled engine after Hot section and P&W Service Bulletin Compliance See Dallas Airmotive signoff  
 Installed Using New mounts and hardware, Torqued to MM specs, Used Existing oil and fuel hoses  
 Rigged Engine to MM parameters, Tightened and saftied  
 Serviced Engine with 12 quarts of BP2380  
 C/W SB70-211-28 Mechanical Pump Outlet Union, C/W SB70-213-71 Engine Drainage System  
 C/W P&W SB14473 R3 Torque limiter, C/W P&W SB14474 R1 Oil Discoloration category 1  
 C/W 10 yr Mechanical fuel pump OH P/N 1127-02 S/N385  
 C/W 10 year Electro Hydraulic Gen OH P/N 1118-04 S/N 431  
 C/W 600 Hr Fuel Filter Replacement with P/N 402C14-1 using new "O"rings  
 C/W 600 Hr St/Gen Brush inspection found to be within limits OH Date 12/21/2012  
 C/W 600 Hr StandBy Generator brush replacemnet with new P/N ALE 1013AS

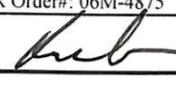
I certify that this Engine has been inspected in accordance with a Annual C+ Insp. and was determined to be in airworthy condition.  
 Repair Station No. AJVR135C  
 Make P&W Ser.No PCE-RV0043  
 Model PT6A-66D Reg.Mark N74MA  
 The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service  
 Pertinent details of the repair are on file at the Agency  
 Work Order No. S001688 Date 4/18/2016  
 Signed *[Signature]* Inspector for  
 MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141



Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task																						
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  <p>Leading the Business of Aviation</p> </div> <div style="text-align: center;"> <p>ENGINE RECORD ENTRY</p> </div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Registration</td> <td style="width: 15%;">N74MA ✓</td> <td colspan="2" rowspan="5" style="text-align: center; vertical-align: middle;">                     Cutter Aviation San Antonio, Inc.                      367 Sandau Rd.                      San Antonio, Texas 78216                      FAA Repair Station No. U7TR491Y                      Phone (210) 340-6780 Fax (210) 384-3394                 </td> <td style="width: 15%;">Hour Meter</td> <td style="width: 15%;">1915.9</td> </tr> <tr> <td>Model No.</td> <td>TBM 700</td> <td>Total Time</td> <td>1915.9</td> </tr> <tr> <td>Serial No.</td> <td>385</td> <td>CSN</td> <td>1489</td> </tr> <tr> <td>Engine M/N</td> <td>PT6A-66D</td> <td>TSHI</td> <td>--</td> </tr> <tr> <td>Engine S/N</td> <td>PCE-RV0043</td> <td colspan="2" style="text-align: center;">Page 1 of 1</td> </tr> </table> <p>1. COMPLIED WITH SOCATA TBM850 STANDARD PROGRAM "A" INSPECTION AS PER SOCATA TBM850 MAINTENANCE MANUAL CHAPTER 05-20-02 INSPECTION CHECKLIST.</p> <p>2. COMPLIED WITH 100 HOUR CHIP DETECTOR COCKPIT INDICATION CHECK PER PT6A-66D MM 72-10-00.. NO DEFECTS NOTED.</p> <p>3. COMPLIED WITH 200 HOUR COMPRESSOR AND TURBINE WASH/RINSE PER PT6A-66D MM 71-00-00. ←</p> <p>4. ADJUSTED TORQUE LIMITER. OPS CHECKED GOOD. REFERENCE PT6A-66D MM CHAPTER 71-00-00.</p> <p>5. COMPLIED WITH P&amp;W SB14507R1 BY INSPECTION OF FCU INTERCONNECT ROD. NO DEFECTS NOTED. REFERENCE SB ACCOMPLISHMENT INSTRUCTIONS.</p> <p>6. COMPLIED WITH P&amp;W SB14509R3 BY INSTALLATION OF CORRECT OVERSPEED GOVERNOR WARSHERS P/N 3103007-01. REFERENCE SB ACCOMPLISHMENT INSTRUCTIONS.</p> <p>7. PEFORMED POST INSPECTION GROUND RUN AND LEAK CHECK WITH SATISFACTORY RESULTS.</p> <p>The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-3983</p> <p>Date: 12/16/2016      Authorized Signature:  Tom Bierschwale</p>					Registration	N74MA ✓	Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 340-6780 Fax (210) 384-3394		Hour Meter	1915.9	Model No.	TBM 700	Total Time	1915.9	Serial No.	385	CSN	1489	Engine M/N	PT6A-66D	TSHI	--	Engine S/N	PCE-RV0043	Page 1 of 1	
Registration	N74MA ✓	Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 340-6780 Fax (210) 384-3394		Hour Meter	1915.9																					
Model No.	TBM 700			Total Time	1915.9																					
Serial No.	385			CSN	1489																					
Engine M/N	PT6A-66D			TSHI	--																					
Engine S/N	PCE-RV0043			Page 1 of 1																						

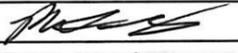
Date	Time since new	Time since overhaul	Total cycles	Details of task																		
<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Registration</td> <td style="width: 15%;">N74MA ✓</td> <td colspan="2" rowspan="4" style="text-align: center; vertical-align: middle;">                     Cutter Aviation Dallas, Inc.                      4500 Claire Chennault Dr.                      Addison, TX 75001                 </td> <td style="width: 15%;">Hour Meter</td> <td style="width: 15%;">1963.7</td> </tr> <tr> <td>Model No.</td> <td>TBM700N</td> <td>Engine TT</td> <td>1963.7</td> </tr> <tr> <td>Serial No.</td> <td>385</td> <td>Cycles</td> <td>1526</td> </tr> <tr> <td colspan="4" style="text-align: center;"> <b>Gas Generator Log Entry</b>                      PN PT6A-66D SN PCE-RV0043                 </td> </tr> </table> <p>Performed an B+ Inspection in accordance with TBM 700 maintenance manual Chapter 5-20-03 checklist. Complied with Pratt SB 72-14001R19 conversion to HTS oil in accordance with service instructions. Drained oil and performed engine flush procedure. Serviced engine with 2380 and 1qt of HTS oil per service instructions. Performed engine operational check with no leaks noted. Installed placard on engine cowling.</p> <p>Complied with annual chip detector inspection in accordance with MM 05-20-05. No defects noted.</p> <p>I certify this Engine was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.</p> <p>The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order#: 06M-4524</p> <p>Date: April, 4 2017      CRS# UXCR663X       Robert Fulcher</p>					Registration	N74MA ✓	Cutter Aviation Dallas, Inc. 4500 Claire Chennault Dr. Addison, TX 75001		Hour Meter	1963.7	Model No.	TBM700N	Engine TT	1963.7	Serial No.	385	Cycles	1526	<b>Gas Generator Log Entry</b> PN PT6A-66D SN PCE-RV0043			
Registration	N74MA ✓	Cutter Aviation Dallas, Inc. 4500 Claire Chennault Dr. Addison, TX 75001		Hour Meter	1963.7																	
Model No.	TBM700N			Engine TT	1963.7																	
Serial No.	385			Cycles	1526																	
<b>Gas Generator Log Entry</b> PN PT6A-66D SN PCE-RV0043																						

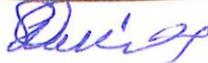
 <p>Leading the Business of Aviation</p>		Cutter Aviation Dallas, Inc. 4500 Claire Chennault Dr. Addison, TX 75001		
Registration:	N74MA ✓	<b>Gas Generator Log Entry</b> PN PT6A-66D SN PCE-RV0043	Hour Meter	2166.4
Model No.	TBM700N		Engine TT	2166.4
Serial No.	385		Cycles	1668
<p>Performed an A+ Inspection in accordance with TBM 700 maintenance manual Chapter 5-20-02 checklist. Complied with annual chip detector inspection in accordance with MM 05-20-05. No defects noted.</p> <p>Performed engine compressor wash and rinse in accordance with Pratt &amp; Whitney MM chapter 72. Performed drying run with no defects noted.</p> <p>Complied with 400 hour fuel nozzle clean and flow check inspection. Removed nozzle assembly and sent to vendor for inspection. Received fuel nozzles assembly in inspected condition SN VE-9097-VE-9110 from vender. Installed nozzles in accordance with Pratt &amp; Whitney MM 73-11-05 with new gaskets and o-rings. Secured, torqued and saftied as required. Performed ground run and leak check. No discrepancies found at this time.</p> <p>Complied with 1000 hour P3 filter replacement in accordance with MM 70-10. Installed new P3 filter PN 3059788-01 with new o-rings contained in PT6A-66D kit. Secured and saftied. ←</p> <p>Complied with 1000 hour oil filter replacement in accordance with MM 71-10-00. Installed new oil filter with new PN 3059258-01 with new o-rings contained in PT6A-66D kit. No leaks noted. ←</p> <p>Complied with 400 hour borescope of hot section in accordance with MM 72-00. No defects noted at this time.</p> <p>Complied with 600 hour fuel pump outlet filter replacement in accordance with MM 28-10. Removed and replaced with new PN 3059788-01 with new o-rings contained in Pt6A-66D kit. Secured and saftied. ←</p> <p>Complied with 600 fuel pump inlet screen inspection in accordance with MM 28-10. Removed and replaced with new PN 3059788-01 with new o-rings contained in Pt6A-66D kit. Secured and saftied.</p> <p>Removed and replaced left and right igniters with new PN CH34055 with new gaskets PN 3010880 in accordance with MM 74-20-00. Operational check good. ←</p> <p>I certify this Engine was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.</p> <p>The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order#: 06M-4875</p> <p>Date: April, 20 2018 ✓      CRS# UXCR663X       Robert Fulcher</p>				



Date: 1/7/2019 N74MA SN: 385 Hobbs Reads: 2329.2  
 EFA WO: APMX1977  
 Replaced defective A20 EQ Box part no. T700A3155011000 serial no. TB3069030000B with new part no. T700A3155011000 serial no. 816. Ops check IAW AMM. Removed LHMLG Tire (PN 185F88-6, SN 63522336), RHMLG Tire ( PN 185F88-6, SN 53512428 ) and installed new tire on the LHMLG ( PN 185F88-6, SN 63532550 ) and RHMLG ( PN 185F88-6, SN 63522163 ) and new orings ( PN M83461/1-145, M83461/1-261 ) IAW AMM, CH 32.  
 This aircraft is approved for return to service regarding the work performed.  
 Gregory Langham  
 A&P 3592918  
 Signature:   
 English Field Aviation, LLC.

 Leading the Business of Aviation		Cutter Aviation Dallas, Inc. 4500 Claire Chennault Dr. Addison, TX 75001			
Registration:	N74MA ✓	✓ <b>Gas Generator Log Entry</b> PN PT6A-66D SN PCE-RV0043		Hour Meter	2341.8
Model No.	TBM700N			Engine TT	2341.8
Serial No.	385			Cycles	1803
<p>Performed a C+ Inspection in accordance with TBM 700 maintenance manual Chapter 5-20-04 checklist.          Complied with annual chip detector inspection in accordance with MM 05-20-05. No defects noted.          Performed engine compressor wash and rinse in accordance with Pratt &amp; Whitney MM chapter 72. Performed drying run with no defects noted.          Removed and oil temp probe, cleaned and inspected, installed new gasket PN MS357690-11 in accordance with MM 79-30-01. Re-secured cannon plug and operational check good. No leaks noted.          I certify this Engine was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.          The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order#: 06M-5234</p>					
Date:	June 6, 2019	CRS#	UXCR663X	Robert Fulcher	

		N#:	N74MA	Engine Make:	P&W
		WO#:	31	Engine Model:	PT6A-66D
		Date:	8/2/2021	Engine SN:	PCE-RV0043 ✓
Hobbs:	2545.5	ATT:	2545.5	Cycles:	1873
ETT:	2,545.50	TSOH:	first run	CSO:	first run
Complied with Phaes inspections A, B, & C in accordance with TBM AMM chapter 5 and Pratt & Whitney MM Chapter 72. ✓					
C/W the minor inspection IAW Pratt & Whitney MM Chapter 72.					
I certify this engine has been inspected in accordance with Phaes inspections A, B, & C Per TBM AMM chapter 5 inspection checklist and was found to be in airworthy					
Technician:	Robert Stone	License:	A&P3654665IA	Signature:	

		 Leading the Business of Aviation		GAS GENERATOR RECORD ENTRY	
Registration	N74MA ✓	Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 340-6780 Fax (210) 384-3394		Hour Meter	2495.8
Model No.	TBM 850			Total Time	2495.8
Serial No.	385			TSOH	--
Engine M/N	PT6A-66D			CSN	--
Engine S/N	PCE-RV0043 ✓			Page 1 of 1	
<ol style="list-style-type: none"> <li>INSPECTED THIS ENGINE USING DAHER TBM700 MM CHAPTER 5-20-02 (STANDARD PROGRAM A INSP), 05-20-05 (12 MONTH SPECIAL CHECKS) AND PRATT &amp; WHITNEY PT6A-66D MM CHAPTER 72-00-00, TABLE 601 INSPECTION CHECK LISTS AS A GUIDE.</li> <li>COMPLIED WITH ALL CURRENTLY DUE ROUTINE AND MINOR INSPECTIONS AND MAINTENANCE AS CALLED OUT IN P&amp;W PT6A-66D MM CHAPTER 72-00-00 TABLE 601.</li> <li>COMPLIED WITH 200 HOUR ENGINE COMPRESSOR AND TURBINE WASH IAW P&amp;W MANUAL PART NO. 3070902 71-00-00.</li> <li>COMPLIED WITH 200 HOUR SPARK IGNITORS OPERATIONAL TEST. PT6A-66D MM 74-20-00.</li> <li>COMPLIED WITH 200 HOUR SPARK IGNITORS CHECK FOR CLEANLINESS AND EROSION. NO DEFECTS FOUND. REFERENCE TBM850 MM 74-00-00-601 PT6A-66D MM 74-20-00.</li> <li>COMPLIED WITH 200 HOUR IGNITION EXCITER CHECK FOR CONDITION AND ATTACHMENT. NO DEFECTS FOUND. REFERENCE TBM850 AMM 74-00-00-601 AND PT6A-64 AND -66D MM 74-10-00.</li> <li>COMPLIED WITH 200 HOUR IGNITION CABLES CHECK FOR ROUTING, ATTACHMENT AND WEAR DUE TO CHAFING. REFERENCE TBM850 MM 74-00-00-601 AND PT6A-66D MM 74-20-00.</li> <li>INSTALLED NEW LEFT AND RIGHT IGNITION CABLES P/N CH53399-06 USING EXISTING CLAMPS AND SUPPORTS REFERENCE P&amp;W MM 74-20-00.</li> <li>COMPLIED WITH 200 HOUR OPERATION CHECK OF CHIP DETECTORS. REFERENCE TBM MM 72-00-00-501 AND PT6A MM 72-10-00 AND 72-60-00.</li> <li>INSTALLED NEW R/H EXHAUST STACK OIL DRAIN HOSE P/N T700A717000116200. REFERENCE TBM850 MM CH. 71-70-00.</li> <li>INSTALLED NEW OIL CASE HOUSING DRAIN ORING P/N 3070902. REFERENCE P&amp;W MM 72-60-01.</li> <li>INSTALLED NEW ENGINE DRIVEN FUEL PUMP GASKET P/N ST3276-01 IAW P&amp;W MM 72-00-00.</li> <li>PRE AND POST INSPECTION MAINTENANCE RUN-UPS WERE PERFORMED. NO DEFECTS NOTED.</li> </ol>					
<p>The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-5259.</p>					
Date:	6-04-2020	Authorized Signature:		 S. HOLLIDAY	

		N#:	N74AM	Make:	Pratt & Whitney
		WO#:	510	Model:	PT6A-66D
		Date:	09-22-22	SN:	PCE-RV0043 ✓
Hobbs:	2719.70	ETT:	2719.70	CSO:	2124.00
TSOH:	2719.70				
<ul style="list-style-type: none"> <li>- C/W A+ inspection IAW the check list provided in the AMM Chapter 5.</li> <li>- C/W Pratt Whitney minor inspections IAW EMM chapter 72, no defects noted. ✓</li> <li>- C/W the chip detector inspection Per Pratt and Whitney MM Chapter 74.</li> <li>- C/W the 400 hour nozzle inspection by Removing the fuel nozzles ( PN 3119855-01 ) and the flow divider ( PN 3023670 E ) received and installed fuel nozzle 1 inlet adapter assembly ( PN 3119856-01 ) 13 adapter assembly ( PN 3119855-01 ) 14 sheath ( PN 3119920-01 ) from Heritage Turbines, Inc W/O N853SA. Received and installed flow divider ( P/N 302367J, SN M1187 ) from VSE Aviation Services, LLC W/O 11055 IAW Pratt &amp; Whitney MM Chapter 73. ✓</li> <li>- C/W 400 hour bore scope inspection. IAW EMM CH 72. no defects noted at this time. ✓</li> <li>- C/W 600-hour fuel inlet screen inspection IAW Pratt &amp; Whitney MM Chapter 73-10-02.</li> <li>- C/W 600 hour fuel pump filter replacement by replacing the fuel filter ( PN 572744 ) with a new o ring ( PN m25988/1-21 ) Provided in the 100 hr inspection kit IAW Pratt and Whitney MM Chapter 73-10-02. ✓</li> <li>- C/W 400-hour compressor wash and rinse IAW Pratt &amp; Whitney MM Chapter 71. ✓</li> <li>- CW the 12mo Engine oil change IAW Pratt &amp; Whitney MM Chapter 72. Serviced with 2380 ✓</li> <li>- CW the 12mo/600hr Chip Detector Bridge Check IAW Pratt &amp; Whitney MM Chapter 79.</li> <li>- CW the 1000hr AGB Internal Scavenge Pump Inlet Screen inspection with no defects to note IAW Pratt &amp; Whitney MM Chapter 72 ✓</li> </ul>					
This engine is approved for return to service IAW A inspection and listed items					
Technician:	Chris Johnson	License:	AP3816391	Signature:	

Section 1: Record of engine maintenance and elementary work

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



C.R.S X11R595Y

205 Durley Ave Suite A Camarillo, CA 93010 Phone: (805)389-1188 | Fax: (805) 389-3323

Page 1 of 1

**N74MA** Work Order No: MXCA1380 May 22, 2023  
**Engine** MFR: Pratt & Whitney Model: PT6A-66D SN: RV0043  
**HOBBS:** 2,781.00 **TSN:** 2,781.00 **TSO:** CSN: 2,176.00 **CSO:**

Complied with a "B" inspection plus annual in reference to Daher MM Chapter 05-20-03, 05-20-05 and Pratt and Whitney PT6A-66D MM. All AD's checked through revision 2023-10; see AD compliance record provided with the airframe logbook. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D.

Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Found FOD marks at blade root. Blended first stage compressor blades I.A.W. Pratt and Whitney MM Chapter 72.

Complied with Pratt and Whitney SB's 14411R2 and 14395R3 by replacement of fuel control unit connector rod end bolt and nuts with new I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73, SB 14411R2 and 14395R3. Operational checks good.

Complied with the annual or 200 hour engine periodic inspection I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72-00-00 Table 601. Retrieved and sent out oil sample for analysis using kit P/N: 3134819 S/N:435493.

Complied with the 6 year overhaul by removal of propeller governor P/N 8210-007 S/N14898218 and installation of an overhauled propeller governor P/N 8210-007-01 S/N20498450 I.A.W. Woodward SB 33580 and Pratt and Whitney MM Chapter 61. Operational test and leak checks good.

Adjusted torque limiter I.A.W. Pratt and Whitney MM Chapter 71. Operational check good.

Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.

Borescoped through the exhaust duct drain I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72 and found some minor spots of coked oil around the drain area and the drains are free at this time.

Removed mechanical fuel pump garlock seal and replaced with new I.A.W. Pratt and Whitney MM Chapter 72. Leak check good.

Removed starter generator garlock seal and replaced with new I.A.W. Pratt and Whitney MM Chapter 72. Leak check good.

Resealed the propeller shaft I.A.W. Pratt and Whitney MM Chapter 72. Leak check good.

Complied with inspection of the fuel outlet filter for foreign matter or distortion I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. No defects noted. Operational check good.

Removed reversing wire rope and ball end and replaced with a serviceable reversing wire rope and ball end I.A.W. Pratt and Whitney MM Chapter 76.

Performed post-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance.

This aircraft, airframe, aircraft engine, propeller or appliance was repaired/inspected in accordance with the current Federal Aviation Regulations and has been found to be in an airworthy condition for scope of work performed. Pertinent details of the repair/inspection are on file at this Repair Station under Work Order No. MXCA1380.

*[Signature]* 5/22/2023  
 Signature Date

For: FAA Approved Repair Station # C.R.S X11R595Y



C.R.S X11R595Y

205 Durley Ave Suite A Camarillo, CA 93010 Phone: (805)389-1188 | Fax: (805) 389-3323

Page 1 of 1

**N74MA** Work Order No: MXCA2704 April 26, 2024  
**Engine** MFR: Pratt & Whitney Model: PT6A-66D SN: RV0043  
**HOBBS:** 2,974.10 **TSN:** 2,974.10 **TSO:** CSN: 2,313.00 **CSO:**

Complied with an "A" inspection plus annual in reference to Daher MM Chapter 05-20-02 05-20-05, and Pratt and Whitney PT6A-66D MM. All AD's checked through revision 2024-08; see AD compliance record provided with the airframe logbook. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D.

Complied with AD 2024-04-51 by confirming no affected PT2 blades listed in table 1 of Pratt and Whitney SB A14574 are installed. All work performed I.A.W. FAA AD 2024-04-51, Transports Canada CF-2024-05, and Pratt and Whitney SB A14574. No further action required.

Complied with Pratt and Whitney SB 14564R1 (Category 5 SB) and Champion SBCH53399-74-001; inspection of the ignition cables (2 per engine) for either one of the following bad codes: 2C18, 3C18, 4C18, 1D18, 2D18, 3D18, 4D18, and 5F13. Code currently installed is 3B20. No further action required.

Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.

Complied with the annual or 200 hour engine periodic inspection I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72-00-00 Table 601. Retrieved and sent out oil sample for analysis using kit P/N: 3134819 S/N:435493.

Complied with the annual or 200 hour engine periodic inspection I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72-00-00 Table 601. Retrieved and sent out oil sample for analysis using kit P/N: 3134819 S/N:435493.

Complied with the annual or 200 hour engine periodic inspection I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72-00-00 Table 601. Retrieved and sent out oil sample for analysis using kit P/N: 3134819 S/N:435493.

Complied with the annual or 200 hour engine periodic inspection I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72-00-00 Table 601. Retrieved and sent out oil sample for analysis using kit P/N: 3134819 S/N:435493.

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C.R.S X11D595Y

205 Durley Ave Suite A Camarillo, CA 93010 Phone: (805)389-1188 | Fax: 805-389-1188

Page 1 of 1

**N74MA** Work Order No: MXCA3644 May 09, 2025  
**Engine** MFR: Pratt & Whitney Model: PT6A-66D SN: RV0043  
**HOBBS:** 3,168.60 **TSN:** 3,168.60 **TSO:** CSN: 2,473.00 **CSO:**

Complied with a "C" inspection plus annual in reference to Daher MM Chapter 05-20-04, 05-20-05, and Pratt and Whitney PT6A-66D MM. All AD's checked through revision 2025-09; see AD compliance record provided with the airframe logbook. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D.

Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance.

Complied with the annual or 200 hour engine periodic inspection I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72-00-00 Table 601. Retrieved and sent out oil sample for analysis using kit P/N 3134819 S/N 468179.

Complied with 600 hour replacement of the engine high pressure fuel pump outlet filter with new and the 600 hour check and cleaning of the fuel pump inlet screen I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. Ops and leak check good.

Complied with 1000 hour replacement of the engine oil filter with new I.A.W. Pratt and Whitney PT6A-66D MM Chapter 79. Leak check good.

Complied with 1000 hour replacement of the P-3 filter with new I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Leak check good.

Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.

Complied with inspection of the fuel outlet filter for foreign matter or distortion I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. No defects noted.

Performed post-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance.

This aircraft, airframe, aircraft engine, propeller or appliance was repaired/inspected in accordance with the current Federal Aviation Regulations and has been found to be in an airworthy condition for scope of work performed. Pertinent details of the repair/inspection are on file at this Repair Station under Work Order No. MXCA3644.



C.R.S. X11R

N74MA

**Engine**  
**HOBBS:** 3,17

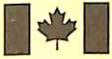
Performed pre

Performed post

Removed, inspected, and cleaned; RGB chip detector, RGB oil strainer, and engine main oil filter IAW Pratt and Whitney MM chap 72-00-00. Minor inspection for static damage. Engine was not running. No defects noted at this time.

This aircraft, airframe, aircraft engine, propeller or appliance was repaired/inspected in accordance with the current Federal Aviation Regulations and has been found to be in an airworthy condition for scope of work performed. Pertinent details of the repair/inspection are on file at this Repair Station under Work Order No. MXCO4006.

*[Signature]* 5/9/2025  
 Signature Date  
 For: FAA Approved Repair Station # C.R.S. X11R595Y



Transport  
Canada

Transports  
Canada

TP 14182E



(Revised 05/2005)

## **Engine Logbook**

# **POWER SECTION MODULE LOG BOOK**

**Canada**

Volume #: 1

Opened on: 15 OCT 2006

### ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.
2. Type/Model/Series PT6A-66D B/S: 1198
3. Serial Number PS-RV0043

Other related Transport Canada Publications:

TP 14089B  
TP 14058E/F

Previous Edition:

TP 3910E, 2nd Edition (Jan. 1987)  
TP 14182E (Dec. 2003)

Printed in Canada.

Please direct your comments, orders and inquiries to:

Transport Canada  
Civil Aviation Communications Centre (AARC)  
Place de Ville,  
Tower C, 5th Floor  
330 Sparks Street  
Ottawa, ON K1A 0N8

Telephone: 1 800 305-2059  
Fax: 613 957-4208  
E-mail: services@tc.gc.ca

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TP 14182E  
(05/2005)  
TC-1001185  
Catalogue No. T52-4/2-2003E

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
15 OCT 2006	0.0	0.0	0	New engine final acceptance test completed satisfactorily and is in condition for safe operation.
<del>05 Dec 2006</del>	<del>2<sup>h</sup>20</del>	<del>0.0</del>	<del>1</del>	<del>Vol d'essai constructeur</del>
<del>06 Dec 2006</del>	<del>3<sup>h</sup>50</del>	<del>0.0</del>	<del>2</del>	<del>Vol d'essai constructeur</del>
<del>12 Dec 2006</del>	<del>4<sup>h</sup>50</del>	<del>0.0</del>	<del>3</del>	<del>Vol d'essai constructeur</del>
<del>15 Dec 2006</del>	<del>5<sup>h</sup>35</del>	<del>0.0</del>	<del>4</del>	<del>Vol d'essai constructeur</del>
Arrêté présent livret à la SOCATA le 15/11/2006 au total de 5 <sup>h</sup> 35 Visa du Département Qualité				

This Power Section module is combined with Gas Generator.

S/N: PCE- RV0043

NG/NO 34550RPM, at 850 SHP / 8√0

ITT Trim: 27.4 C°

T5 Trim resistance: 40.3 Ohms

Signature

AME  
ACA/AMO  
SCA/AMO

B. HORVATH

822

T.C. 4-68  
NO. 022

\*\*\*\*\*MUNCIE AVIATION CO. CRS#AJVR135C\*\*\*\*\*

✓	DATE	A/C Hobbs	A/C TT	ETSN	PTSN
✓	6/30/2010	708.8	708.8	708.8	708.8

100 Hr. Inspection C/W ref TBM Service manual chapter 5-20-02  
 C/W Compressor wash and T-Wheel Rinse per P&W Service Manual  
 C/W Insitu Method of Fuel Nozzle cleaning CH71-00-00



DAHER-SOCATA

I certify that this Engine has been inspected in accordance with a 100 Hr Insp. and was determined to be in airworthy condition.

Repair Station No. AJVR135C

Make P & W Ser.No PCE-RV0043

Model PT6A-66D Reg.Number N74MA

The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service

Pertinent details of the repair are on file at the Agency Work Order No. T-0831 Date 6/30/2010

Signed Donald J. Hagen Inspector for MUNCIE AVIATION CO. CRS#AJVR135C  
 MUNCIE, IN 47308 765-289-7141



Section 1: Record of engine maintenance and elementary work

Date: --/--/--

ask

DallasAirmotive  
40591 AIRPORT ROAD, NEW LONDON, NC 28127  
CERTIFICATE NO. YRR2491L

WORK ORDER NUMBER	ENGINE SERIAL NUMBER	MODEL	DATE
RPR42118	PCE-RV0043	PT6A-66D	4/8/16
ENGINE T.S.N.	ENGINE C.S.N.	ENGINE T.S.O.	ENGINE C.S.O.
1728.5	1383	NA	NA

NAME	P/N	S/N	TSO	REMARKS
FUEL CONTROL	8063-063	14924237	1728.5	
FLOW DIVIDER	3023670	9959530080	1728.5	
FUEL HEATER	10585K	WA27871	1728.5	
FUEL PUMP	825601-5	007982	1728.5	
TORQUE LIMITER	3244862-2	N/REC	1728.5	
OVERSPEED GOV.	8210-007	N/REC	1728.5	
CONSTANT SPEED GOV.	N/A	14898218G	N/REC	
L.P. BLEED VALVE	3059835-01	N/A	1728.5	
H.P. BLEED VALVE	3024996	AHX006402	N/A	
THERMO BY-PASS VALVE	3024084	6259	1728.5	
OIL FILTER	WF336238	NSN	1728.5	
P3 FILTER	3053995CL12	NSN	569.1	
T5 TRIMMER	10-381550-4E	NNA01288	569.1	
EXCITER/REGULATOR		NNA06372474	00.0	NEW 30.3 OHMS
			1728.5	



40591 Airport Road  
New London, NC 28127  
CERTIFICATE NO. YRR2491L

Engine S/N: PCE-RV0043 ✓ T.S.N.: 1728.5 C.S.N.: 1383 T.S.O.: NA C.S.O.: NA

REPAIRED ENGINE FOR COMPRESSOR FOD. INSTALLED 1 EA. REPAIRED INLET CASE P/N 3114545-01 S/N 8612. BLEND REPAIRED COMPRESSOR STAGES AS NEEDED. INSTALLED 1 EA. OVERHAULED 3<sup>RD</sup> STG. VANE AND SHROUD P/N 3118473-01 S/N 229/2. AND 1 EA. NEW ROTOR AIR SEAL P/N 3076003-02. BALANCED COMPRESSOR ASSY. COMPLIED WITH HOT SECTION INSPECTION. INSTALLED 1 EA. REPAIRED STATOR AIR SEAL P/N 3116352-01. 1 EA. NEW ROTOR AIR SEAL P/N 3071612CL01. 1 EA. REPAIRED OUTER LINER P/N 3055663-01 S/N F1AA004A490. 10 EA. NEW SEGMENTS P/N 3039465CL16. 1 EA. NEW CT VANE SEAL RING P/N 3070389-01. 1 EA. NEW C SEAL P/N 3070391-01. 10 EA. NEW IGNITORS P/N CH34055. CLEANED AND PERFORMED SPRAY PATTERN AND LEAK CHECKS OF FUEL NOZZLE ADAPTER ASSEMBLIES. COMPLIED WITH POWER SECTION REPAIR. INSTALLED 1 EA. OVERHAULED REAR RGB HOUSING P/N 3112923-01. 1 EA. OVERHAULED FLEX COUPLING P/N 3012286. 1 EA. NEW TORQUE VALVE P/N 3012347. 1 EA. NEW 1<sup>ST</sup> STG. GEARSET P/N 3059925-01 SET # AR204. 1 EA. NEW 1<sup>ST</sup> STG. RING GEAR P/N 3059927-01 S/N PKAAA652408. 1 EA. NEW 1<sup>ST</sup> STG. SUN GEAR P/N 3059928-01 S/N PKAAA655679. 1 EA. NEW #3/#4 OIL PRESSURE TUBE P/N 3071722-01. AND 1 EA. NEW AIR SEAL P/N 3039718CL09. TESTED ENGINE. PRESERVED. AND PREPARED FOR SHIPMENT. ALL WORK DONE WITH REFERENCE TO PRATT & WHITNEY OVERHAUL MANUAL P/N 3070903 REV. 11 DATED 23 MARCH 2016. MAINT. MANUAL P/N 3070902 REV. 17 DATED 07 MARCH 2016. AND OTHER DATA AND METHODS ACCEPTABLE TO THE ADMINISTRATOR.

VANE AREA=7.19 PT STATOR AREA=23.27  
BOV SEAT AS TESTED=CL14 BOV SEAT AS SHIPPED=CL16  
TRIM=(G10N, E18N, G27N, N/R)

COMPLIED WITH SERVICE BULLETINS: SB14357R4, SB14398R5, SB14407R3, SB14408R2, SB14416R2, SB14450, SB14451R1, AND SB14495R3  
SERVICE BULLETIN SB14511R1 NOT APPLICABLE PER ENGINE S/N AND PT BLADE S/N'S.

SHIP	Ng %	T, °F	T, °C	SFC	POWER CHECK T, TARGET	DATA PLATE SPEED@850 SHIP	T, PULL DOWN REQUIRED	T, TRIMMER	ADJUSTED @ 30.3
950	93.3	1521	827	636	NA	34733/92.6%	36.1 °C	P/N 3053995CL12	

Name	Part Number	Serial Number	Total Cycles	Cycles Rem	Name	Part Number	Serial Number	Total Cycles	Cycles Rem
Diff Comp Rot	3043063	PKAAA048058	1383	22617	Disk Stg 1 PT	3037312	A00232XE	1383	13617
Rotor Stg 1 Comp	3042701	TXA1B0486	1383	22617	Disk Stg 2 PT	3037313	A00221C1	1383	13617
Rotor Stg 2 Comp	3040942	EAAA000E537	1383	22617	Blade CT	3118911-01		1728.5	
Rotor Stg 3 Comp	3040933	EAAA000E630	1383	22617	Blade 1st Stg PT	3122972-01		1728.5	
Rotor Stg 4 Comp	3040944	EAAA000E619	1383	22617	Blade 2nd Stg PT	3056693-01		1728.5	
Impeller	3036898	EAAA000E725	1383	22617					
Blade CT	3053740-01	A0022F82	1383	6617					

This engine 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: RPR42118

Signature: *[Signature]* 236

Date: 08 APRIL 2016

**CUTTER** Leading the Business of Aviation

Cutter Aviation Dallas, Inc.  
4500 Claire Chennault Dr.  
Addison, TX 75001

**DAHER**

Registration: N74MA ✓  
Model No. TBM700N  
Serial No. 385

**Power Section Log Entry**  
PN PT6A-66D SN PCE-RV0043

Hour Meter 1963.7  
Engine TT 1963.7  
Cycles 1526

Performed an B+ Inspection in accordance with TBM 700 maintenance manual Chapter 5-20-03 checklist. Complied with annual chip detector inspection in accordance with MM 05-20-05. No defects noted. I certify this Engine was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order#: 06M-4524

Date: April, 4 2017 CRS# UXCR663X *[Signature]* Robert Fulcher

**CUTTER** Leading the Business of Aviation

Cutter Aviation Dallas, Inc.  
4500 Claire Chennault Dr.  
Addison, TX 75001

**DAHER**

Registration: N74MA ✓  
Model No. TBM700N  
Serial No. 385

**Power Section Log Entry**  
PN PT6A-66D SN PCE-RV0043

Hour Meter 2166.4  
Engine TT 2166.4  
Cycles 1668

Performed an A+ Inspection in accordance with TBM 700 maintenance manual Chapter 5-20-02 checklist. Complied with annual chip detector inspection in accordance with MM 05-20-05. No defects noted. I certify this Engine was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order#: 06M-4875

Date: April, 20 2014 ✓ CRS# UXCR663X *[Signature]* Robert Fulcher

**CUTTER** Leading the Business of Aviation

Cutter Aviation Dallas, Inc.  
4500 Claire Chennault Dr.  
Addison, TX 75001

**DAHER**

Registration: N74MA ✓  
Model No. TBM700N  
Serial No. 385

**Power Section Log Entry**  
PN PT6A-66D SN PCE-RV0043

Hour Meter 2341.8  
Engine TT 2341.8  
Cycles 1803

Performed a C+ Inspection in accordance with TBM 700 maintenance manual Chapter 5-20-04 checklist. Complied with annual chip detector inspection in accordance with MM 05-20-05. No defects noted. I certify this Engine was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order#: 06M-5234

Date: June 6, 2019 CRS# UXCR663X *[Signature]* Robert Fulcher

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task	Signature	AME ACA/AMO SCA/AMO
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POWER SECTION RECORD ENTRY

Registration	N74MA ✓
Model No.	TBM 850
Serial No.	385
Engine M/N	PT6A-66D
Engine S/N	PCE-RV0043

Cutter Aviation San Antonio, Inc.  
 367 Sandau Rd.  
 San Antonio, Texas 78216  
 FAA Repair Station No. U7TR491Y  
 Phone (210) 340-6780 Fax (210) 384-3394

Hour Meter	2495.8
Total Time	2495.8
TSOH	--
CSN	--

Page 1 of 1

- INSPECTED THIS ENGINE USING DAHER TBM700 MM CHAPTER 5-20-02 (STANDARD PROGRAM A INSP), 05-20-05 (12 MONTH SPECIAL CHECKS) AND PRATT & WHITNEY PT6A-66D MM CHAPTER 72-00-00, TABLE 601 INSPECTION CHECK LISTS AS A GUIDE.
- COMPLIED WITH ALL CURRENTLY DUE ROUTINE AND MINOR INSPECTIONS AND MAINTENANCE AS CALLED OUT IN P&W PT6A-66D MM CHAPTER 72-00-00 TABLE 601.
- COMPLIED WITH 200 HOUR ENGINE COMPRESSOR AND TURBINE WASH IAW P&W MANUAL PART NO. 3070902 71-00-00. ←
- COMPLIED WITH 200 HOUR SPARK IGNITORS OPERATIONAL TEST. PT6A-66D MM 74-20-00.
- COMPLIED WITH 200 HOUR SPARK IGNITORS CHECK FOR CLEANLINESS AND EROSION. NO DEFECTS FOUND. REFERENCE TBM850 MM 74-00-00-601 PT6A-66D MM 74-20-00.
- COMPLIED WITH 200 HOUR IGNITION EXCITER CHECK FOR CONDITION AND ATTACHMENT. NO DEFECTS FOUND. REFERENCE TBM850 MM 74-00-00-601 AND PT6A-64 AND -66D MM 74-10-00.
- COMPLIED WITH 200 HOUR IGNITION CABLES CHECK FOR ROUTING, ATTACHMENT AND WEAR DUE TO CHAFING. REFERENCE TBM850 MM 74-00-00-601 AND PT6A-66D MM 74-20-00.
- INSTALLED NEW LEFT AND RIGHT IGNITION CABLES P/N CH53399-06 USING EXISTING CLAMPS AND SUPPORTS REFERENCE P&W MM 74-20-00.
- COMPLIED WITH 200 HOUR OPERATION CHECK OF CHIP DETECTORS. REFERENCE TBM MM 72-00-00-501 AND PT6A MM 72-10-00 AND 72-60-00.
- INSTALLED NEW R/H EXHAUST STACK OIL DRAIN HOSE P/N T700A717000116200. REFERENCE TBM850 MM CH. 71-70-00.
- INSTALLED NEW OIL CASE HOUSING DRAIN ORING P/N 3070902. REFERENCE P&W MM 72-60-01.
- INSTALLED NEW ENGINE DRIVEN FUEL PUMP GASKET P/N ST3276-01 IAW P&W MM 72-00-00.
- PRE AND POST INSPECTION MAINTENANCE RUN-UPS WERE PERFORMED. NO DEFECTS NOTED.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under **Work Order: 11M-5259**.

Date: 6-04-2020  
 Authorized Signature: *[Signature]* S.HOLLIDAY

		N#:	N74MA ✓	Engine Make:	P&W
		WO#:	31	Engine Model:	PT6A-66D
Hobbs:	2545.5	Date:	8/2/2021	Engine SN:	PCE-RV0043
ETT:	2,545.50	ATT:	2545.5	Cycles:	1873
		TSOH:	first run	CSO:	first run

Complied with Phaes inspections A, B, & C in accordance with TBM AMM chapter 5 and Pratt & Whitney MM Chapter 72.  
 C/W the minor inspection IAW Pratt & Whitney MM Chapter 72.  
 I certify this engine has been inspected in accordance with Phaes inspections A, B, & C Per TBM AMM chapter 5 inspection checklist and was found to be in airworthy

Technician: Robert Stone License: A&P3654665IA  
 Signature: *[Signature]*