

Signature

AME
ACA/AMO
SCA/AMO

Date: 04/15/25

TT: 2750.6

Cycles: 2042

Hobbs: 2416.3

TBM 850

N850CA

PT6A-66D

Powerplant

E S/N PCE-RV0208

S/N: 552

Description of inspections, repairs, tests, and alterations

Removed and cleaned the main oil filter P/N 3059258-01 NSN in accordance with Pratt & Whitney MM P/N 3070902 Rev. 28, 04/07/2025, Chapter 79-20-02, OIL FILTER & CHECK VALVE - MAINTENANCE PRACTICES, Section 6. A, (1-3), 3. (a-h), D. (1-5), Follow on maintenance requirements IAW Chapter 72-00-00 Para (13)(Y)(1-24) unscheduled inspection for carbon debris, results were normal no carbon debris noted. Next inspection 100 hours TT 2850.6. Reinstalled Filter using new packings AS3209-143, -120, -224. Serviced oil system with 1-quart Aeroshell 560 oil. Post engine operational and leak checks were performed with satisfactory results. This aircraft has been determined to be in an airworthy condition as to the work performed and approved for return to service. (End).

Mark Timmons A&P/IA 3210132

Date: 05/05/25

TT: 2785.9

Cycles: 2069

Hobbs: 2451.6

TBM 850

N850CA

PT6A-66D

Powerplant

E S/N PCE-RV0208

S/N: 552

Description of inspections, repairs, tests, and alterations

Performed CT and PT Desalination Wash in accordance with Pratt & Whitney MM P/N 3070902, Rev. 28, 04/07/2025, Chapter 71-00-00, Section 5, 6. A. (1-23), and Daher TBM 850 MM P/N DMNMMPXEE0R22 7/2023, Chapter 71-00-00, 1, A, B, (1-4) C (1), D (1-3), Post engine operational and leak checks were performed with satisfactory results. This aircraft has been determined to be in an airworthy condition as to the work performed and approved for return to service. (End).

Mark Timmons A&P/IA 3210132



Exec Aero, LLC - 83 Nilson Way - Orlando, FL 32803 - 407-420-7934 - CRS#: EXAR968D

N850CA

Pratt & Whitney Canada, PT6A-66D, S/N: PCE-RVO208

June 25, 2024

Cycles: 1837

Hobbs: 2175.3

TTSN: 2509.6

1. C/W P&WC Engine Minor Inspection IAW 72-00-00 Table 601.
2. C/W engine compressor 1st stage FOD Inspection.
3. C/W P&WC SIL PT6A-213 (Compressor Inlet Case Corrosion Inspection).
4. P&WC ASB A14575 (Single-Engine Application First Stage PT Blades - Inspection/Replacement of), Dated Jun 13/2024, N/A by engine not listed in Table 1 and no record of overhaul or repair during affected date range.
5. C/W 1Yr/200Hr Engine desalination wash IAW 72-00-00. Installed (2) P/N 7423510000 - Ignitor Gasket (3010880), Installed P/N 3023431 - Gasket Rev/Lot: 3233385.
6. C/W 1Yr Service engine oil system IAW 79-00-CA. Installed (2) P/N 560-1QT - Aeroshell Turbine Oil Rev/Lot: 0000047089U076.
7. C/W 1Yr Clean and inspect P3 filter and housing IAW 73-10-07. Installed P/N MS9386-126 - O RING Rev/Lot: 0000115063, Installed P/N MS9386-015 - Filter O-Ring Rev/Lot: SJDS37, Installed P/N 7423060092 - Seal (MS9386-014).
8. C/W 200Hr Oil filter and secondary screen inspection IAW 79-20-02. Installed P/N 7423510009 - O-Ring (AS3209-143), Installed P/N 7423510008 - Pratt & Whitney Gasket (AS3209-120) Rev/Lot: 0080393625, Installed P/N 7423510010 - O-Ring (AS3209-224) Rev/Lot: VDAV46.
9. C/W 200Hr AGB internal scavenge pump inlet screen check IAW 72-60-00.
10. C/W 200Hr Fuel outlet filter foreign matter or distortion inspection IAW 73-10-02. Installed P/N 7247510006 - O-Ring Kit (3033356).
11. C/W 400Hr Engine- Inspection hot section with borescope IAW 72-00-00. Borescope inspection performed by Standard Aero (CRS YRRR491L) WO# 38838.
12. C/W 400Hr Engine- Fuel manifold adapters-perform leak test and function test IAW 73-10-05. Fuel nozzle service performed by Standard Aero (CRS U8TR793Y) WO#44-00691.
13. C/W 400Hr Check ignition exciter for installation and condition IAW 74-00-CA.
14. C/W 400Hr Ignition exciter check for condition and attachment IAW 74-10-00.
15. C/W 400Hr Ignition cables check for routing, attachment and wear due to chafing IAW 74-20-00.
16. C/W 400Hr spark igniters check for cleanliness and erosion IAW 74-20-00.
17. Performed Patch Test and engine oil analysis. Installed P/N GA-001-OFRK - AVLAB TEST KIT.
18. Performed two engine oil flushes due to high carbon content IAW 72-00-00. Installed (3) P/N 7423510012 - Pratt & Whitney Seal (AS3209-115), Installed (24) P/N 560-1QT - Aeroshell Turbine Oil Rev/Lot: 47089U870, Installed P/N GA-001-OFRK - AVLAB TEST KIT, Installed P/N 7423510010 - O-Ring (AS3209-224), Installed P/N 7423510008 - Pratt & Whitney Gasket (AS3209-120) Rev/Lot: 0080393625, Installed P/N M83248/1-143 - O- RING.
19. C/W 1000Hr Oil filter replacement IAW 72-00-00. Installed P/N 3059258-01 - Filter, Installed P/N 7423510009 - O-Ring (AS3209-143), Installed P/N 7423510008 - Pratt & Whitney Gasket (AS3209-120) Rev/Lot: 7365874004, Installed P/N 7423510010 - O-Ring (AS3209-224).
20. Performed Patch Test for engine oil analysis. Final test found significant reduction in carbon content as indicated by Patch Test IAW P&WC SB 14001R20. Installed P/N GA-001-OFRK - AVLAB TEST KIT.
21. C/W Engine operational and leak checks.

I certify that this Engine has been inspected in accordance with a Minor Inspection and was determined to be in Airworthy condition.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero, LLC under work order: RS24-017.

Nathan Marler for CRS EXAR968D

W/O: RS23-028



Engine - page 1 of 1

AME
ACA/AMO
SCA/AMO

Exec Aero, LLC - 83 Nilson Way - Orlando, FL 32803 - 407-420-7934 - CRS#: EXAR968D

N850CA
Cycles: 1674P&W CANADA, PT6A-66 SER, S/N: PCE-RVO208
Hobbs: 1974.3 TTSN: 2308.6

September 14, 2023

1. C/W P&WC Engine Minor Inspection IAW 72-00-00 Table 601. Installed P/N PT6-100 - KIT: 100 HR Rev/Lot: 7365823184.
2. C/W engine compressor 1st stage FOD Inspection required.
3. C/W P&WC SIL PT6A-213 (Compressor Inlet Case Corrosion Inspection).
4. C/W 1Yr/200Hr Engine power recovery wash IAW 72-00-00. Installed P/N 7423510000 - Ignitor Gasket (3010880) Rev/Lot: 3533378, Installed P/N 7423510000 - Ignitor Gasket (3010880).
5. C/W 1Yr Service engine oil system IAW 79-00-CA. Installed (2) P/N 560-1QT - Aeroshell Turbine Oil Rev/Lot: 0000047089U076.
6. C/W 1Yr Clean P3 filter IAW PWC EMM 73-10-07 Par. 7A. Installed P/N MS9386-126 - O RING Rev/Lot: 771910-01, Installed P/N MS9386-015 - Filter O-Ring Rev/Lot: 626958/VHCS37, Installed P/N 7423060092 - Seal (MS9386-014) Rev/Lot: 3436334, Installed P/N M25988/1-928 - O-ring PT6 Rev/Lot: 7365916806.
7. C/W 200Hr Oil filter and secondary screen inspection IAW 79-20-02. Installed P/N 7423510009 - O-Ring (AS3209-143) Rev/Lot: 765703-03, Installed P/N 7423510010 - O-Ring (AS3209-224) Rev/Lot: VDAV46, Installed P/N 7423510008 - Pratt & Whitney Gasket (AS3209-120) Rev/Lot: 0080393625.
8. C/W 200Hr AGB internal scavenge pump inlet screen IAW 72-00-00.
9. Replaced Engine Spark Igniters IAW 74-20-00. Installed (2) P/N 6069607224 - Igniter (CH34055).
10. C/W Engine operational and leak checks.

I certify that this Engine has been inspected in accordance with a Minor Inspection and was determined to be in Airworthy condition.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero, LLC under work order: RS23-028.

Nathan Marler for CRS EXAR968D



Date: 01/25/24

ACTT: 2439.0



Cycles: 1768

Hobbs: 2104.7



member of

NBAA

Daher TBM 850

N850CA

Powerplant

S/N: 552

Description of inspections, repairs, tests, and alterations

Performed engine Compressor, and Turbine power recovery wash / rinse in accordance with Daher TBM 850 Maintenance Manual Chapter 71-00-00, 1, A, B, (1-4), C (1), D (1-3), Pratt and Whitney Maintenance manual Chapter 71-00-00.6, A (1-23), B (1-24), C (1-23) Referencing Post SB14293R3 72-50-05 Exhaust duct drain tube nipple and cap assy. Engine runup procedures were performed with no discrepancies noted. This aircraft has been determined to be in an airworthy condition as to the work performed and is approved for return to service. (end)

Mark Timmons A&P/IA 3210132



Exec Aero LLC - 83 Nilson Way - Orlando, FL 32803 - 4074207934

ME
AMO
AMON850CA
Cycles: 1334P&W CANADA, PT6A-66 SER, S/N: PCE-RVO208
Hobbs: 1520.0 TTSN: 1854.3

June 16, 2022

1. Removed aft Chip detector. Inspected the AGB internal scavenge pump inlet screen IAW 72-60-00. Tested Chip detectors and wiring IAW 79-20-02. Reinstalled aft Chip detectors.
2. Operational and leak checks completed.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero LLC under work order: WO22-368.

John Polulech Inspection Authorization 3464528



Exec Aero, LLC - 83 Nilson Way - Orlando, FL 32803 - 407-420-7934 - CRS#: EXAR968D

N850CA
Cycles: 1385P&W CANADA, PT6A-66 SER, S/N: PCE-RVO208
Hobbs: 1575.0 TTSN: 1909.3

August 18, 2022

1. C/W P&WC Engine Minor Inspection IAW 72-00-00 Table 601. Installed P/N PT6-100 - KIT: 100 HR Rev/Lot: W053742001, Installed P/N MS9386-014 - Packing Preformed Pratt & Whitney Rev/Lot: TDBS37, Installed P/N MS9386-126 - Packing Preformed Pratt & Whitney Rev/Lot: 0000122369, Installed P/N MS9386-015 - Packing Preformed Pratt & Whitney Rev/Lot: TKDS37.
2. Perform engine compressor 1st stage FOD inspection.
3. C/W 200Hr AGB internal scavenge pump inlet screen inspection IAW 72-60-00.
4. C/W 1Yr/200Hr Engine desalinization wash IAW 71-00-00. Installed P/N 3010880 - Gasket, igniter Rev/Lot: 7365678624, Installed P/N 3023431 - Gasket Rev/Lot: 3233385.
5. C/W 1Yr service engine oil system IAW 79-00-CA. Added 2 quarts of oil. Installed (2) P/N 560-1QT - Aeroshell Turbine Oil Rev/Lot: 11180.
6. Installed new Adel clamp on R/H side of engine fuel drain IAW 71-70-00. Installed P/N 7141381229 - Clamp Rev/Lot: 80282735.
7. Operational and leak checks completed.

I certify that this Engine has been inspected in accordance with a Minor Inspection and was determined to be in Airworthy condition.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero, LLC under work order: RS22-008.

Nathan Marler for CRS EXAR968D



Exec Aero LLC - 83 Nilson Way - Orlando, FL 32803 - 4074207934

N850CA

Hobbs: 1366.4

P&W CANADA, PT6A-66 SER, S/N: PCE-RVO208

TTSN: 1700.7

November 01, 2021

1. C/W P&WC Engine Minor Inspection IAW 72-00-00 Table 601 Installed P/N PT6-100 - KIT: 100 HR , Rev/Lot: 06292101/586
2. C/W 200HR AGB internal scavenge pump inlet screen IAW 72-60-00.
3. Performed engine compressor 1st stage FOD inspection.
4. Borescope inspection performed by Dallas Airmotive WO#FLD1268.
5. C/W 400Hr Check ignition exciter for installation and condition IAW 74-10-00.
6. C/W 400Hr Check ignition cables for chafing, wear and installation IAW 74-20-00.
7. CW 1Yr/200Hr Engine desalinization wash IAW 72-00-00.
8. C/W 1000HR P3 filter change IAW 72-00-00 Installed P/N 3059787-01 - Filter element, compressor air, cleanable , Rev/Lot: 10062108/IJ13301398.
9. C/W 1Yr service engine oil system IAW 79-00-CA Installed (2) P/N AS 560 - TURBINE OIL , Rev/Lot: 06252101/9312611838 Installed P/N GA-001-OFK - AVLAB TEST KIT , Rev/Lot: 08112104.
10. Operational and leak checks completed.

I certify that this Engine has been inspected in accordance with a Minor Inspection and was determined to be in Airworthy condition.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero LLC under work order: WO21-639.

Nathan Marler Inspection Authorization 3466392

		Engine Log Book Entry 2988 West Walnut Hill Lane DFW Airport, TX 75261		Work Order Number: FLD 12628	Date: 17-Sept.-2021
Aircraft Type: TBM 700 (850)	Aircraft Registration Number: N 850CA	Aircraft Serial Number: 552	Aircraft Total Time: 1700.7		
Engine S/N: PCE-RV 0208	Engine Model: PT6A-66D	Engine Position: 1	Aircraft Total Landings: 1041		
Engine Time Since New (TSN): 1700.7	Engine Cycles Since New (CSN): 1057	Time Since Overhaul (TSO): TSN	Cycles Since Overhaul (CSO): CSN		

Work Performed: Performed a Borescope Evaluation on Engine Assy per customer request. Components visible via Borescope found in Satisfactory Condition at this time. See Borescope Report for Observations. **END.**

Work performed with reference to: PWC PT6A-66D Maintenance Manual p/n 3070902 rev. 20 dated April 12, 2021 and other data and methods acceptable to the administrator.

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

Signature:
 (Rogelio A. Vargas) for Dallas Airmotive
 FAA CRS # YRRR491L

Given the nature of borescope instrumentation it is often not possible to make observations and examine all areas of an individual engine as part of an evaluation. Based on this limitation, Dallas Airmotive, Inc. cannot and does not warrant its findings for borescope evaluations (pre-purchase and otherwise) against the possibility that hidden damage may exist that was not observable and reported by our technician at the time of the evaluation.

Signature

AME
ACA/AMO
SCA/AMO40591 AIRPORT ROAD, NEW LONDON, NC 28127
CERTIFICATE NO. YRR2491LDAL
261

WORK ORDER NUMBER		ENGINE SERIAL NUMBER		MODEL	DATE
RPR57369		PCE-RV0208		PT6A-66D	6-30-2021
ENGINE T.S.N.	ENGINE C.S.N.	ENGINE T.S.O.		ENGINE C.S.O.	INSPECTOR
1689.2	1189	NA		NA	DAVID BOYSWORTH

ACCESSORY INSTALLATION

NAME	P/N	S/N	TSN	REMARKS
FUEL CONTROL	8053-053	16844397	1689.2	
FLOW DIVIDER	25638-3	9959530245	1689.2	
FUEL HEATER	10585K	WA38817	1689.2	
FUEL PUMP	825601-5	010244	1689.2	
FUEL FILTER	3059779-01	NSN	00.0	
OVERSPEED GOV.	A210632	16605288	00.0	OVERHAULED
CONSTANT SPEED GOV.	8210-007-01	13555450	00.0	OVERHAULED
TORQUE LIMITER	3244862-2	C35454	1689.2	
EXCITER/REGULATOR	NOT RECEIVED			
H.P. BLEED VALVE	3059835-01	AHX015614	1689.2	CL17 SEAT
P3 FILTER	3059787-01	NSN	823.1	
OIL FILTER	3059258-01	NSN	00.0	
T5 HARNESS	3043825-01	NR04905	1689.2	
T5 TRIMMER	3053995CL13	NR00437	00.0	OVERHAULED 34.7 OHMS
THERMOSTATIC BYPASS	3024995	5310	1689.2	

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

PT6A-66D	Engine S/N: PCE-RV0208	T.S.N.: 1689.2	C.S.N.: 1189	T.S.O.: NA	C.S.O.: NA				
RECEIVED ENGINE IN FOR SUDDEN STOPPAGE/PROPELLER STRIKE INSPECTION IAW THE LIGHT OVERHAUL SECTION OF THE OVERHAUL MANUAL. DISASSEMBLED POWER SECTION, CLEANED, AND INSPECTED ALL PARTS. ASSEMBLED POWER TURBINE ASSY. AND BALANCED. ASSEMBLED POWER SECTION. COMPLIED WITH HOT SECTION INSPECTION. COMPLIED WITH 400HR FUEL NOZZLE INSPECTION. REPAIRED INLET CASE FOR CORROSION. ASSEMBLED ENGINE. TESTED, PRESERVED FUEL SYSTEM AND PREPARED ENGINE FOR SHIPPING. ALL WORK DONE WITH REFERENCE TO PRATT & WHITNEY OVERHAUL MANUAL P/N 3070903 REV. 16 DATED 18 MAY 2020, MAINT. MANUAL P/N 3070902 REV. 20 DATED 12 APRIL 2021, AND OTHER DATA AND METHODS ACCEPTABLE TO THE ADMINISTRATOR. SEE ATTACHED PARTS LIST AND 8130'S FOR PARTS REPAIRED OR REPLACED.									
CT VANE AREA=7.21 PT STATOR AREA= 23.27									
BOV SEAT TESTED WITH= 15 BOV SHIPPED= 17									
SERVICE BULLETINS COMPLIED WITH= SB14546R1, SB14524R1									
CT TRIM WEIGHT= G09N									
CORRECTED ENGINE PERFORMANCE									
SHP	Ng %	T ₃ °F	T ₃ °C	SFC	POWER CHECK T ₃ TARGET	DATA PLATE SPEED@850 SHP	T ₃ PULL DOWN REQUIRED	T ₃ TRIMMER	
950	93.7	1228	664	633	NA °C	34800/92.8%	28.9 °C	P/N 3053995CL13	ADJUSTED @ 34.7 Ω
LIFE LIMITED COMPONENTS INSTALLATION (NOTE: REFER TO S/B, LATEST REVISION, FOR APPROVED LIFE LIMITS)									

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

Name	Part Number	Serial Number	Total Cycles	Cycles Rem
Disk Stg 1 PT	3037312	A002PFD7	1189	13811
Disk Stg 2 PT	3037313	YUAA006A146	1189	13811
DISK CT	3053740-01	A002PA03	1189	6802
Blade Stg 1 PT	3122972-01	INSPECTED		
Blade Stg 2 PT	3056693-01	INSPECTED TT= 1689.2		
Blade CT	NDIS	VISUAL INSPECTION		
		CYCLES CALC PER SB14002R26		

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: RPR57369

Signature: *David Boysworth*

Date: 6-30-2021

DAL
261

Signature

AME
ACA/AMO
SCA/AMO

AVEX Inc.

C.R.S. X11R595Y

Page 1 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 15335

TTSN:

1453.4

Date: 10/7/2019

Tach:

Hobbs: 1119.1

TCSN: 1059

TSO:

CSO:

1. Complied with a "B" Inspection plus Annual I.A.W. Daher MM Chapter 05-20-03 and 05-20-05. All AD's checked through revision 2019-20; see AD compliance record provided with the airframe logbook. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D.
2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.
3. Complied with the 24 month or 600 hour replacement of the air-conditioning compressor belt with new I.A.W. Daher MM Chapter 21. Op checks good.
4. Complied with the 600 hour check of the alternator brushes and removed and replaced with new I.A.W. Daher MM Chapter 24. Op checks good.
5. Complied with the 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. Op and leak checks good.
6. Complied with the 600 hour replacement of the fuel unit filter element with new I.A.W. Daher MM Chapter 28. Op and leak checks good.
7. Complied with the 400 hour cleaning and flow check of the engine fuel nozzles per Dallas Airmotive APO 11561. Installed the aircraft fuel nozzles after cleaning and flow check I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. Op and leak checks good.
8. Complied with the 400 hour borescope inspection of the hot section I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No defects found at this time.
9. 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.
10. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.
11. Oil sample sent to Jet Care for analysis I.A.W. Pratt and Whitney PT6A-66D MM 79.

AVEX Inc.

C.R.S. X11R595Y

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205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 15335

TTSN:

1453.4

Date: 10/7/2019

Tach:

Hobbs: 1119.1

TCSN: 1059

TSO:

CSO:

12. 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.
13. Adjusted low standby generator voltage and is now reading 28.4 and .3 within limits I.A.W. Daher MM Chapter 24.
14. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.

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. 15335.

10/07/19

Date

(LBID:15907)

For: FAA Approved Repair Station # X11R595Y

Signature

AME
ACA/AMO
SCA/AMO

AVEX Inc.

C.R.S. X1IR595Y

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 13534

TTSN:

Date: 11/21/2017

Tach:

Hobbs: 831.4

TCSN:

TSO:

CSO:

1. Complied with perform of full borescope. Defects are normal and within limits. Work Done I.A.W. Pratt and Whitney MM 72

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. 13534.

[Signature] 11/21/2017
Date

For: FAA Approved Repair Station # X1IR595Y

(LBID:13698)

AVEX Inc.

C.R.S. X1IR595Y

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 13955

TTSN:

Date: 3/20/2018

Tach:

Hobbs: 1263.9

TCSN:

TSO:

CSO:

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

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. 13955.

[Signature] 03/20/18
K: m G. FRANKL Date

(LBID:14053)

For: FAA Approved Repair Station # X1IR595Y

Signature

AME
ACA/AMO
SCA/AMO

The New AVEX, Inc.

C.R.S. X1IR595Y

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205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA

Work Order: 11820 TTSN: 866.1 Date: 7/13/2015

Tach: Hobbs: 531.8 TCSN: 682 TSO: CSO:

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. 11820.

Byron D. Jupp 7/13/15
Date

(LBID:11455)

For: FAA Approved Repair Station # X1IR595Y

The New AVEX, Inc.

C.R.S. X1IR595Y

Page 1 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA

Work Order: 12579 TTSN: 1006.5 Date: 8/1/2016

Tach: Hobbs: 1006.5 TCSN: 756 TSO: CSO:

1. Complied with a "A" inspection plus annual I.A.W. Socata MM Chapter 05-20-02, 05-20-05 and Pratt and Whitney PT6A-66D MM. All AD's checked through revision 2016-11; see AD compliance record provided with the airframe logbook. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D.
2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Blades appear normal for time in service.
3. Complied with Pratt and Whitney SB 14001 Paragraph 3(5)(b) by taking an oil sample, performing oil coloration and patch test inspections, draining and refilling the oil system with BP 2380 and the addition of three quarts of Aeroshell 560 Oil to the Aircraft inventory and the addition of a placard stating service with Aeroshell 560 I.A.W. Pratt and Whitney SB 14001 Paragraph 3(5)(b).
4. P&W SB's 14357R4 and 14495R3, check of fuel nozzle tips, were complied with by Dallas Airmotive, as verified on their Form 8130-3 for fuel nozzle work done this visit.
5. Complied with Pratt and Whitney SB 14507 by the inspection of the interconnect rod for safety cable possible ferrule interference with the FCU lever or cam lever I.A.W. Pratt and Whitney SB 14507. No discrepancies noted.
6. Complied with Pratt and Whitney SB 14509R1 by the removal and replacement of the propeller over speed governor mounting washers with new I.A.W. Pratt and Whitney SB 14509R1.
7. Complied with the 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. Op and leak checks good.
8. Complied with the 400 hour cleaning and flow check of the engine fuel nozzles per Dallas Airmotive APO 8805. Installed the aircraft fuel nozzles after cleaning and flow check I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. Op and leak checks good.
9. Complied with the 400 hour borescope inspection of the hot section I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No defects found at this time.

Signature

AME
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The New AVEX, Inc.

C.R.S. X1IR595Y

Page 1 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA
Work Order:	11189	TTSN: 717.4	Date: 8/29/2014
Tach:	Hobbs: 383.1	TCSN: 581	TSO: CSO:

1. Complied with a "A" inspection plus annual I.A.W. Socata MM Chapter 05-20-02, 05-20-05 and Pratt and Whitney PT6A-66D MM. All AD's checked through revision 2014-16; see AD compliance record provided with the airframe logbook.
2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. The blades appear normal for time in service.
3. Complied with Pratt and Whitney SB 14473R2 by the in-situ inspection of the torque limiter pivot spring installation for looseness I.A.W. Pratt and Whitney SB 14473R2. No defects noted at this time.
4. Complied with Pratt and Whitney SB 14474R1 by the inspection of the engine oil condition for carbon particles (oil discoloration) I.A.W. Pratt and Whitney SB 14474R1. Oil color found to match that of Sample 3 from Figure 1 of Pratt and Whitney SB 14474R1.
5. Complied with Pratt and Whitney SB 14357R4 by the inspection of all nozzle tips for factory number with either one of the 2 bad prefixes 2BRK or 2BRH per Dallas Airmotive APO 7367 I.A.W. Pratt and Whitney SB 14357R4.
6. Complied with 400 hour cleaning and flow check of the fuel nozzles per Dallas Airmotive APO 7367. Installed fuel nozzles after cleaning and flow check I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. Op and leak checks good.
7. Complied with 400 hour borescope inspection of the hot section I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Found the CT blades have discoloration and tip rub.
8. Removed and replaced both spark igniters with new I.A.W. Pratt and Whitney PT6A-66D MM Chapter 74. Op checks good.
9. Borescoped through the exhaust duct drain I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Found some minor spots of coked oil around the drain area and the drains are free at this time.
10. Complied with CT disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.

The New AVEX, Inc.

C.R.S. X1IR595Y

Page 2 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA
Work Order:	11189	TTSN: 717.4	Date: 8/29/2014
Tach:	Hobbs: 383.1	TCSN: 581	TSO: CSO:

11. Oil sample sent to Jet Care for analysis.
12. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.

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. 11189.

Byron D. Auger 8/29/14
Date

(LBID:10718)

For: FAA Approved Repair Station # X1IR595Y

Signature

AME
ACA/AMO
SCA/AMO**The New AVEX, Inc.****C.R.S. X1IR595Y**

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA
Work Order:	10442	TTSN: 520.2	Date: 8/6/2013
Tach:	Hobbs: 185.9	TCSN: 440	TSO: CSO:

1. Complied with a "C" inspection plus annual I.A.W. Socata MM Chapter 05-20-04 and 05-20-05. All AD's checked through revision 2013-15; see AD compliance record provided with the airframe logbook. Aircraft is now on NMP 200 hour inspection program.
2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Blades appear normal for time in service.
3. Complied with 600 hour replacement of the engine high pressure fuel pump outlet filter with new and complied with 600 hour check and cleaning of the fuel pump inlet screen I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. Op and leak checks good.
4. Performed engine vibration analysis I.A.W. the Micro Vibe II Instructions. Prop: 0.215 NP: 1657.
5. 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.
6. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.
7. Oil sample sent to Aviation Laboratories for analysis I.A.W. Socata MM Chapter 12.
8. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.

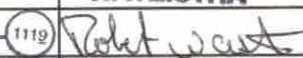

This aircraft, airframe, aircraft engine, propeller or appliance was repaired/inspected in accordance with the current Federal Aviation Regulations and has been found to be in an airworthy condition for scope of work performed. Pertinent details of the repair/inspection are on file at this Repair Station under Work Order No. 10442.

Byron D. Aug 8/6/13
Date

(LBID:9760)

For: FAA Approved Repair Station # X1IR595Y



	Signature	AME ACA/AMO SCA/AMO
This Gas Generator module is combined with Power Section. S/N: PS- <u>RV0208</u>		
NG/NO <u>34550</u> RPM, at <u>850</u> SHP / 8V0		
ITT Trim: <u>24.1</u> C°		
T5 Trim resistance: <u>41.1</u> Ohms		
	R. WEISTRA 	
SOCATA - DEPARTEMENT QUALITE VERIFICATION et ENTRETIEN STOCKAGE	DAHER-SOCATA SOCATA Agrément de Production FR - 21G - 0027	
SOCATA - DEPARTEMENT QUALITE VERIFICATION et ENTRETIEN STOCKAGE		

This Gas Generator module is combined with Power Section.

S/N: PS- RVO208

NG/10 34550 RPM, at 850 SHP /δ√10

ITT Trim: 24.1 C°

T5 Trim resistance: 41.1 Ohms

Signature

AME
ACA/AMO
SCA/AMO

R. WEISTRA

1118

TC 4-58
NO 123

~~SOCATA - DEPARTEMENT QUALITE~~
~~VERIFICATION et ENTRETIEN STOCKAGE~~

DAHER-SOCATA
SOCATA
Agrément de Production
FR - 21G - 0027

~~SOCATA - DEPARTEMENT QUALITE~~
~~VERIFICATION • ENTRETIEN STOCKAGE~~

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
<p>The New AVEX, Inc. C.R.S. X1IR595Y</p> <p>205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323</p> <p>ENGINE Pratt & Whitney PT6A-66D S/N N850AV</p> <p>Work Order: 8412 TTSN: 25.0 Date: 7/9/2010</p> <p>Tach: Hobbs: 25.0 TCSN: TSO: CSO:</p> <p>1. Complied with an incoming borescope of the first stage compressor I.A.W. Pratt and Whitney MM Chapter 72. The blades have minor marks on them all noted defects within limits I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.</p> <p>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. 8412.</p> <p style="text-align: right;"><i>Byron D. Juy</i> 7/9/10 Date</p> <p>For: FAA Approved Repair Station # X1IR595Y</p> <p>(LBID:7158)</p>				
<p>The New AVEX, Inc. C.R.S. X1IR595Y</p> <p>205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323</p> <p>ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA</p> <p>Work Order: 8554 TTSN: 108.1 Date: 10/15/2010</p> <p>Tach: Hobbs: 108.1 TCSN: 72 TSO: CSO:</p> <p>1. Complied with First 100 Hour Inspection I.A.W. Socata MM Chapter 05-20-01, 05-20-02, 05-20-05, and Pratt and Whitney PT6A-66D MM. All AD's checked through Revision 2010-20; see AD compliance record provided with the airframe logbook.</p> <p>2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. One blades needs blended due to deep nick I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.</p> <p>3. Blended first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.</p> <p>4. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.</p> <p>5. Oil sample sent to AOA for analysis.</p> <p>6. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between post blend and post maintenance inspections.</p> <p>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. 8554.</p> <p style="text-align: right;"><i>Byron D. Juy</i> 10/15/10 Date</p> <p>For: FAA Approved Repair Station # X1IR595Y</p> <p>(LBID:7368)</p>				

C.R.S. X1IR595Y

The New AVEX, Inc.
205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323
S/N

ENGINE

Work Order: 8412

Tach:

TTSN:

25.0

TCSN:

TSO:

CSO:

N850AV

Date: 7/9/2010

- | Tach: | Hobbs: 25.0 | TCSN: | TC: |
|-------|--|-------|-----|
| 1. | Complied with an incoming borescope of the first stage compressor I.A.W. Pratt and Whitney MM Chapter 72. The blades have minor marks on them all noted defects within limits I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. | | |

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. 8412.

Byron D. Lujan 7/9/10

For: FAA Approved Repair Station # X11R595Y

(LBID:7158)

The New AVEX, Inc.

C.R.S. X1IR595Y

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE	Pratt & Whitney PT6A-66D
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S/N PCE-RV0208

N850CA

Work Order: 8554

TTSN:

108.1

Date: 10/15/2010

Tach:

Hobbs: 108.1

TCSN: 72

TSO:

CSO:

- | | |
|----|---|
| 1. | Complied with First 100 Hour Inspection I.A.W. Socata MM Chapter 05-20-01, 05-20-02, 05-20-05, and Pratt and Whitney PT6A-66D MM. All AD's checked through Revision 2010-20; see AD compliance record provided with the airframe logbook. |
| 2. | Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. One blades needs blended due to deep nick I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. |
| 3. | Blended first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. |
| 4. | Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71. |
| 5. | Oil sample sent to AOA for analysis. |
| 6. | Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between post blend and post maintenance inspections. |

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. 8554.

Byron D. Jupp 10/15/10

For: FAA Approved Repair Station # X1IR595Y

(LBID:7368)

Signature

AME
ACA/AMO
SCA/AMO**The New AVEX, Inc.****C.R.S. X1IR595Y**

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 8631

TTSN:

124.6

Date: 12/10/2010

Tach:

Hobbs: 124.6

TCSN:

TSO:

CSO:

1. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. The 1st stage blades have minor marks on them all noted defects are within limits I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.
2. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.

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. 8631.

 12/10/10
Date

(LBID:7482)

For: FAA Approved Repair Station # X1IR595Y

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
<div style="text-align: right;">Page 1 of 2</div> <div> The New AVEX, Inc. C.R.S. X1IR595Y </div> <div> 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 </div> <div> ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA </div> <div> Work Order: 8991 TTSN: 197.1 Date: 8/1/2011 </div> <div> Tach: Hobbs: 197.1 TCSN: 180 TSO: CSO: </div> <ol style="list-style-type: none"> Complied with Annual/100 Hour Inspection I.A.W. Socata MM Chapter 05-20-02, 05-20-05, and Pratt and Whitney PT6A-66D MM. All AD's checked through Revision 2011-16; see AD compliance record provided with the airframe logbook. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. The blades have minor FOD marks on them, all noted defects are all within limits I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Borescoped through the exhaust duct drain I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. There is little to no coked oil around the exhaust duct drain area. Removed and replaced garlock seal on the mechanical fuel pump I.A.W. Pratt and Whitney PT6A-66D MM Chapter 28. Leak checks good. Removed and replaced the RGB oil pressure tube seals with new I.A.W. Pratt and Whitney PT6A-66D MM Chapter 79. Leak checks good. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71. Oil sample sent to Aviation Laboratories for analysis. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections. 				
<div style="text-align: right;">Page 2 of 2</div> <div> The New AVEX, Inc. C.R.S. X1IR595Y </div> <div> 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 </div> <div> ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA </div> <div> Work Order: 8991 TTSN: 197.1 Date: 8/1/2011 </div> <div> Tach: Hobbs: 197.1 TCSN: 180 TSO: CSO: </div> <p>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. 8991.</p> <div style="text-align: right;">  8/1/11 Date </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> (LBID:8006) For: FAA Approved Repair Station # X1IR595Y </div>				

C.R.S. X1IR595Y

Page 1 of 2

The New AVEX, Inc.
205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323
S/N PCE-RV0208

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 8991

TTSN:

197.1

Date: 8/1/2011

Tach:

Hobbs: 197.1

TCSN: 180

TSO:

CSO:

- | Task: | Hobbs: 197.1 | TCSN: 180 | 1001 |
|-------|--|-----------|------|
| 1. | Complied with Annual/100 Hour Inspection I.A.W. Socata MM Chapter 05-20-02, 05-20-05, and Pratt and Whitney PT6A-66D MM. All AD's checked through Revision 2011-16; see AD compliance record provided with the airframe logbook. | | |
| 2. | Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. The blades have minor FOD marks on them, all noted defects are all within limits I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. | | |
| 3. | Borescoped through the exhaust duct drain I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. There is little to no coked oil around the exhaust duct drain area. | | |
| 4. | Removed and replaced garlock seal on the mechanical fuel pump I.A.W. Pratt and Whitney PT6A-66D MM Chapter 28. Leak checks good. | | |
| 5. | Removed and replaced the RGB oil pressure tube seals with new I.A.W. Pratt and Whitney PT6A-66D MM Chapter 79. Leak checks good. | | |
| 6. | Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71. | | |
| 7. | Oil sample sent to Aviation Laboratories for analysis. | | |
| 8. | Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections. | | |

C.R.S. X1IR595Y

Page 2 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE	Pratt & Whitney PT6A-66D
--------	--------------------------

S/N PCE-RV0208

N850CA

Work Order: 8991

TTSN:

197.1

Date: 8/1/2011

Tach:

Hobbs: 197.1

TCSN: 180

TSO:

CSO:

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. 8991.

Byron D. Meyer 8/1/11
Date

Date _____

(LBID:8006)

For: FAA Approved Repair Station # X1IR595Y

Signature

AME
ACA/AMO
SCA/AMO**The New AVEX, Inc.****C.R.S. X1IR595Y**

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 9084

TTSN:

Date: 9/13/2011

Tach:

Hobbs: 218.5

TCSN:

TSO:

CSO:

1. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Found minor FOD marks on all blades, all noted defects are within limits I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.
2. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.

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. 9084.

 9/13/11
Date

(LBID:8129)

For: FAA Approved Repair Station # X1IR595Y

The New AVEX, Inc.**C.R.S. X1IR595Y**

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 9129

TTSN:

Date: 10/6/2011

Tach:

Hobbs: 242.0

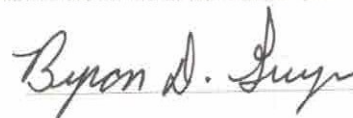
TCSN:

TSO:

CSO:

1. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. First stage compressor blades have minor FOD marks, all noted defects are within limits I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.
2. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.

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. 9129.

 10/6/11
Date

(LBID:8164)

For: FAA Approved Repair Station # X1IR595Y

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
<div> <div> The New AVEX, Inc. 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 </div> <div> C.R.S. X11R595Y </div> </div>				
<div> <div>ENGINE Pratt & Whitney PT6A-66D</div> <div>S/N PCE-RV0208</div> <div>N850CA</div> </div>				
<div> <div>Work Order: 9390</div> <div>TTSN: 291.0</div> <div>Date: 3/14/2012</div> </div>				
<div> <div>Tach: Hobbs: 291.0</div> <div>TCSN: 266</div> <div>TSO:</div> <div>CSO:</div> </div>				
<ol style="list-style-type: none"> 1. Complied with 300 Hour Inspection I.A.W. Socata MM Chapter 05-20-03, 05-20-05, and Pratt and Whitney PT6A-66D MM. All AD's checked through Revision 2012-14; see AD compliance record provided with the airframe logbook. 2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM 72. The blades have some FOD marks with one small speck in the root area that must be blended. 3. Blended first stage compressor blade roots I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. 4. Borescoped through the exhaust duct drain I.A.W. Pratt and Whitney MM PT6A-66D Chapter 72. There is a minor amount of coked oil around the drain area. 5. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71. 6. Oil sample sent to Aviation Laboratories for analysis. 7. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections. 				
<p>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. 9390.</p>				
<div> <div> <i>Byron D. Guyer</i> 3/14/12 Date </div> <div> (LBID:8522) </div> <div> For: FAA Approved Repair Station # X11R595Y </div> </div>				

Signature

AME
ACA/AMO
SCA/AMO**The New AVEX, Inc.****C.R.S. X1IR595Y**

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 9600

TTSN:

334.3

Date: 7/1/2012

Tach:

Hobbs: 0.0

TCSN: 306

TSO:

CSO:

1. Complied with Annual/100 Hour Inspection I.A.W. Socata MM Chapter 05-20-02, 05-20-05, and Pratt and Whitney PT6A-66D MM. All AD's checked through Revision 20012-12; see AD compliance record provided with the airframe logbook.
2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM 72. Found minor nicks on the first stage compressor blades all noted defects are within limits I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.
3. Borescoped through the exhaust duct drain I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Found minor amount of coked oil around the drain area.
4. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.
5. Oil sample sent to Aviation Laboratories for analysis.
6. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.

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. 9600.

Byron D. Auger 7/1/12

Date

(LBID:8756)

For: FAA Approved Repair Station # X1IR595Y

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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The New AVEX, Inc.

C.R.S. X1IR595Y

Page 1 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA
 Work Order: 10019 TTSN: 428.9 Date: 1/28/2013
 Tach: Hobbs: 94.6 TCSN: 374 TSO: CSO:

1. Complied with 100 Hour Inspection I.A.W. Socata MM Chapter 05-20-02, 05-20-05, and Pratt and Whitney PT6A-66D MM. All AD's checked through Revision 2013-01; see AD compliance record provided with the airframe logbook.
2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.
3. Complied with the 400 hour cleaning and flow check of the engine fuel nozzles per Dallas Airmotive APO6278. Installed the aircraft fuel nozzles I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. Op and leak checks good.
4. Complied with the 400 hour borescope inspection of the hot section I.A.W. Pratt and Whitney PT6A-66A MM Chapter 72. No defects found at this time.
5. Blended first stage compressor blades I.A.W Pratt and Whitney PT6A-66D MM Chapter 72.
6. Performed engine vibration analysis I.A.W the Micro Vibe II Instructions. Ops check good.
7. Borescoped through the exhaust duct drain I.A.W the Pratt and Whitney MM PT6A-66D Chapter 72. Found a small amount of coked oil.
8. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.
9. Oil sample sent to Aviation Laboratories for analysis.
10. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between post blending and post maintenance inspections.

The New AVEX, Inc.

C.R.S. X1IR595Y

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205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA
 Work Order: 10019 TTSN: 428.9 Date: 1/28/2013
 Tach: Hobbs: 94.6 TCSN: 374 TSO: CSO:

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. 10019.

Byron D. Juge 1/28/13
 Date

(LBID:9256)

For: FAA Approved Repair Station # X1IR595Y

Signature

AME
ACA/AMO
SCA/AMO**The New AVEX, Inc.****C.R.S. X1IR595Y**

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA
Work Order:	10442	TTSN: 520.2	Date: 8/6/2013
Tach:	Hobbs: 185.9	TCSN: 440	TSO: CSO:

1. Complied with a "C" inspection plus annual I.A.W. Socata MM Chapter 05-20-04 and 05-20-05. All AD's checked through revision 2013-15; see AD compliance record provided with the airframe logbook. Aircraft is now on NMP 200 hour inspection program.
2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Blades appear normal for time in service.
3. Complied with 600 hour replacement of the engine high pressure fuel pump outlet filter with new and complied with 600 hour check and cleaning of the fuel pump inlet screen I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. Op and leak checks good.
4. Performed engine vibration analysis I.A.W. the Micro Vibe II Instructions. Prop: 0.215 NP: 1657.
5. 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.
6. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.
7. Oil sample sent to Aviation Laboratories for analysis I.A.W. Socata MM Chapter 12.
8. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.

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. 10442.

Byron D. Aug 8/6/13
Date

(LBID:9760)

For: FAA Approved Repair Station # X1IR595Y

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task												
<div style="text-align: center;"> The New AVEX, Inc. C.R.S. X1IR595Y 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 </div> <table border="0" style="width: 100%;"> <tr> <td>ENGINE</td> <td>Pratt & Whitney PT6A-66D</td> <td>S/N PCE-RV0208</td> <td>N850CA</td> </tr> <tr> <td>Work Order:</td> <td>10638</td> <td>TTSN:</td> <td>Date: 10/24/2013</td> </tr> <tr> <td>Tach:</td> <td>Hobbs: 569.8</td> <td>TCSN:</td> <td>TSO: CSO:</td> </tr> </table> <p>1. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.</p> <p>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. 10638.</p> <div style="text-align: right;"> <i>Byron D. Aug</i> 10/24/13 Date </div> <p style="text-align: center;">For: FAA Approved Repair Station # X1IR595Y</p> <p>(LBID:9959)</p>					ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA	Work Order:	10638	TTSN:	Date: 10/24/2013	Tach:	Hobbs: 569.8	TCSN:	TSO: CSO:
ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA													
Work Order:	10638	TTSN:	Date: 10/24/2013													
Tach:	Hobbs: 569.8	TCSN:	TSO: CSO:													
<div style="text-align: center;"> The New AVEX, Inc. C.R.S. X1IR595Y 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 </div> <table border="0" style="width: 100%;"> <tr> <td>ENGINE</td> <td>Pratt & Whitney PT6A-66D</td> <td>S/N PCE-RV0208</td> <td>N850CA</td> </tr> <tr> <td>Work Order:</td> <td>10916</td> <td>TTSN:</td> <td>Date: 3/19/2014</td> </tr> <tr> <td>Tach:</td> <td>Hobbs: 621.0</td> <td>TCSN:</td> <td>TSO: CSO:</td> </tr> </table> <p>1. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.</p> <p>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. 10916.</p> <div style="text-align: right;"> <i>Byron D. Aug</i> 3/19/14 Date </div> <p style="text-align: center;">For: FAA Approved Repair Station # X1IR595Y</p> <p>(LBID:10298)</p>					ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA	Work Order:	10916	TTSN:	Date: 3/19/2014	Tach:	Hobbs: 621.0	TCSN:	TSO: CSO:
ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA													
Work Order:	10916	TTSN:	Date: 3/19/2014													
Tach:	Hobbs: 621.0	TCSN:	TSO: CSO:													

Signature

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C.R.S. X1IR595Y

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205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA
 Work Order: 11189 TTSN: 717.4 Date: 8/29/2014
 Tach: Hobbs: 383.1 TCSN: 581 TSO: CSO:

1. Complied with a "A" inspection plus annual I.A.W. Socata MM Chapter 05-20-02, 05-20-05 and Pratt and Whitney PT6A-66D MM. All AD's checked through revision 2014-16; see AD compliance record provided with the airframe logbook.
2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. The blades appear normal for time in service.
3. Complied with Pratt and Whitney SB 14473R2 by the in-situ inspection of the torque limiter pivot spring installation for looseness I.A.W. Pratt and Whitney SB 14473R2. No defects noted at this time.
4. Complied with Pratt and Whitney SB 14474R1 by the inspection of the engine oil condition for carbon particles (oil discoloration) I.A.W. Pratt and Whitney SB 14474R1. Oil color found to match that of Sample 3 from Figure 1 of Pratt and Whitney SB 14474R1.
5. Complied with Pratt and Whitney SB 14357R4 by the inspection of all nozzle tips for factory number with either one of the 2 bad prefixes 2BRK or 2BRH per Dallas Airmotive APO 7367 I.A.W. Pratt and Whitney SB 14357R4.
6. Complied with 400 hour cleaning and flow check of the fuel nozzles per Dallas Airmotive APO 7367. Installed fuel nozzles after cleaning and flow check I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. Op and leak checks good.
7. Complied with 400 hour borescope inspection of the hot section I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Found the CT blades have discoloration and tip rub.
8. Removed and replaced both spark igniters with new I.A.W. Pratt and Whitney PT6A-66D MM Chapter 74. Op checks good.
9. Borescoped through the exhaust duct drain I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Found some minor spots of coked oil around the drain area and the drains are free at this time.
10. Complied with CT disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.

The New AVEX, Inc.

C.R.S. X1IR595Y

Page 2 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA
 Work Order: 11189 TTSN: 717.4 Date: 8/29/2014
 Tach: Hobbs: 383.1 TCSN: 581 TSO: CSO:

11. Oil sample sent to Jet Care for analysis.
12. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.

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. 11189.

Byron D. Auger 8/29/14
 Date

(LBID:10718)

For: FAA Approved Repair Station # X1IR595Y

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task															
<div style="text-align: center;"> The New AVEX, Inc. C.R.S. X11R595Y </div> <div style="text-align: center;"> 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 </div> <table border="0" style="width: 100%;"> <tr> <td>ENGINE</td> <td>Pratt & Whitney PT6A-66D</td> <td>S/N PCE-RV0208</td> <td colspan="2">N850CA</td> </tr> <tr> <td>Work Order:</td> <td>11582</td> <td>TTSN:</td> <td>798.8</td> <td>Date: 3/5/2015</td> </tr> <tr> <td>Tach:</td> <td>Hobbs: 455.5</td> <td>TCSN:</td> <td>TSO:</td> <td>CSO:</td> </tr> </table> <ol style="list-style-type: none"> Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. The first stage compressor blades require blending I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Performed a full blend of the first stage compressor blades I.A.W. P&W Mm Chapter 72. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-64 MM Chapter 71. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between post blending and post maintenance inspections. <p>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. 11582.</p> <div style="text-align: right;"> <i>Byron D. Hays</i> 3/5/15 Date </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> (LBID:11168) For: FAA Approved Repair Station # X11R595Y </div>					ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA		Work Order:	11582	TTSN:	798.8	Date: 3/5/2015	Tach:	Hobbs: 455.5	TCSN:	TSO:	CSO:
ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA																
Work Order:	11582	TTSN:	798.8	Date: 3/5/2015															
Tach:	Hobbs: 455.5	TCSN:	TSO:	CSO:															
<div style="text-align: center;"> The New AVEX, Inc. C.R.S. X11R595Y </div> <div style="text-align: center;"> 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 </div> <table border="0" style="width: 100%;"> <tr> <td>ENGINE</td> <td>Pratt & Whitney PT6A-66D</td> <td>S/N PCE-RV0208</td> <td colspan="2">N850CA</td> </tr> <tr> <td>Work Order:</td> <td>11820</td> <td>TTSN:</td> <td>866.1</td> <td>Date: 7/13/2015</td> </tr> <tr> <td>Tach:</td> <td>Hobbs: 531.8</td> <td>TCSN:</td> <td>682</td> <td>TSO: CSO:</td> </tr> </table> <ol style="list-style-type: none"> Complied with a "B" inspection plus annual I.A.W. Socata MM Chapter 05-20-03, 05-20-05 and Pratt and Whitney PT6A-66D MM. All AD's checked through revision 2015-12; see AD compliance record provided with the airframe logbook. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Complied with the 1000 hour replacement of the engine oil filter with new I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Leak checks good. Complied with the 1000 hour replacement of the P-3 filter with new I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Leak checks good. Complied with the 1000 hour inspection of the AGB scavenge pump inlet screen I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No defects found at this time. 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. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-64 MM Chapter 71. Oil sample sent to Jet Care for analysis I.A.W. Pratt and Whitney PT6A-66D MM 79. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections. 					ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA		Work Order:	11820	TTSN:	866.1	Date: 7/13/2015	Tach:	Hobbs: 531.8	TCSN:	682	TSO: CSO:
ENGINE	Pratt & Whitney PT6A-66D	S/N PCE-RV0208	N850CA																
Work Order:	11820	TTSN:	866.1	Date: 7/13/2015															
Tach:	Hobbs: 531.8	TCSN:	682	TSO: CSO:															

Signature

AME
ACA/AMO
SCA/AMO

The New AVEX, Inc.

C.R.S. X1IR595Y

Page 2 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA

Work Order: 11820 TTSN: 866.1 Date: 7/13/2015

Tach: Hobbs: 531.8 TCSN: 682 TSO: CSO:

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. 11820.

Byron D. Jupp 7/13/15
Date

(LBID:11455)

For: FAA Approved Repair Station # X1IR595Y

The New AVEX, Inc.

C.R.S. X1IR595Y

Page 1 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA

Work Order: 12579 TTSN: 1006.5 Date: 8/1/2016

Tach: Hobbs: 1006.5 TCSN: 756 TSO: CSO:

1. Complied with a "A" inspection plus annual I.A.W. Socata MM Chapter 05-20-02, 05-20-05 and Pratt and Whitney PT6A-66D MM. All AD's checked through revision 2016-11; see AD compliance record provided with the airframe logbook. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D.
2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. Blades appear normal for time in service.
3. Complied with Pratt and Whitney SB 14001 Paragraph 3(5)(b) by taking an oil sample, performing oil coloration and patch test inspections, draining and refilling the oil system with BP 2380 and the addition of three quarts of Aeroshell 560 Oil to the Aircraft inventory and the addition of a placard stating service with Aeroshell 560 I.A.W. Pratt and Whitney SB 14001 Paragraph 3(5)(b).
4. P&W SB's 14357R4 and 14495R3, check of fuel nozzle tips, were complied with by Dallas Airmotive, as verified on their Form 8130-3 for fuel nozzle work done this visit.
5. Complied with Pratt and Whitney SB 14507 by the inspection of the interconnect rod for safety cable possible ferrule interference with the FCU lever or cam lever I.A.W. Pratt and Whitney SB 14507. No discrepancies noted.
6. Complied with Pratt and Whitney SB 14509R1 by the removal and replacement of the propeller over speed governor mounting washers with new I.A.W. Pratt and Whitney SB 14509R1.
7. Complied with the 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. Op and leak checks good.
8. Complied with the 400 hour cleaning and flow check of the engine fuel nozzles per Dallas Airmotive APO 8805. Installed the aircraft fuel nozzles after cleaning and flow check I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. Op and leak checks good.
9. Complied with the 400 hour borescope inspection of the hot section I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No defects found at this time.

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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The New AVEX, Inc.

C.R.S. X1IR595Y

Page 2 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA

Work Order: 12579 TTSN: 1006.5 Date: 8/1/2016

Tach: Hobbs: 1006.5 TCSN: 756 TSO: CSO:

10. Performed engine vibration analysis I.A.W the Micro Vibe II Instructions. Readings .003 IPS at 1652 RPM.
 11. 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.
 12. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.
 13. Oil sample sent to Jet Care for analysis I.A.W. Pratt and Whitney PT6A-66D MM 79.
 14. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.
- 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. 12579.

Byron D. Jue 8/1/16
Date

(LBID:12382)

For: FAA Approved Repair Station # X1IR595Y

AVEX, Inc.

C.R.S. X1IR595Y

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA

Work Order: 13383 TTSN: 1127.5 Date: 8/1/2017

Tach: Hobbs: 793.2 TCSN: 845 TSO: CSO:

1. Complied with a "C" inspection plus annual I.A.W. Daher MM Chapter 05-20-04,05-20-05 and Pratt & Whitney PT6A-66D MM. All AD's checked through revision 2017-13; see AD compliance record provided with the airframe logbook. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D.
 2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.
 3. Complied with inspection of the fuel outlet filter for foreign matter or distortion I.A.W. Pratt and Whitney MM Chapter 73. No defects noted.
 4. Oil sample sent to Jet Care for analysis I.A.W. Pratt and Whitney PT6A-66D MM 79.
 5. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.
 6. 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.
 7. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.
- 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. 13383.

[Signature] 8/1/17
Date

(LBID:13347)

For: FAA Approved Repair Station # X1IR595Y

Signature

AME
ACA/AMO
SCA/AMO

AVEX Inc.

C.R.S. X1IR595Y

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 13534

TTSN:

Date: 11/21/2017

Tach:

Hobbs: 831.4

TCSN:

TSO:

CSO:

1. Complied with perform of full borescope. Defects are normal and within limits. Work Done I.A.W. Pratt and Whitney MM 72

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. 13534.

[Signature] 11/21/2017
Date

For: FAA Approved Repair Station # X1IR595Y

(LBID:13698)

AVEX Inc.

C.R.S. X1IR595Y

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 13955

TTSN:

Date: 3/20/2018

Tach:

Hobbs: 1263.9

TCSN:

TSO:

CSO:

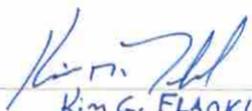
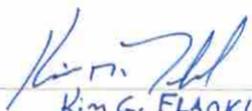
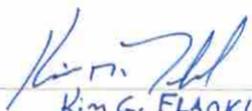
1. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.

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. 13955.

[Signature] 03/20/18
K. M. G. FRANKL Date

(LBID:14053)

For: FAA Approved Repair Station # X1IR595Y

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task					
<div> <div> AVEX Inc. 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 </div> <div> C.R.S. X1IR595Y Page 1 of 2 </div> </div> <div> ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA Work Order: 14342 TTSN: 1308.1 Date: 9/7/2018 Tach: Hobbs: 973.8 TCSN: 959 TSO: CSO: </div> <ol style="list-style-type: none"> Complied with a "A" inspection plus annual I.A.W. Daher MM Chapters 05-20-02, 05-20-05 and Pratt & Whitney PT6A-66D MM. All AD's checked through revision 2018-18; 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. Complied with engine Periodic Inspection IAW Pratt and Whitney PT6A-66D MM, Chapter 72-00-00, Table 601. Complied with inspection of the fuel outlet filter for foreign matter or distortion I.A.W. Pratt and Whitney PT6A-66D, Chapter 73. No defects noted. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM, Chapter 71. Oil sample sent to Jet Care for analysis I.A.W. Pratt and Whitney PT6A-66D MM, Chapter 79. 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 and replaced worn ignitors with new I.A.W. Pratt and Whitney PT6A-66D MM, Chapter 74. Op checks good. Adjusted torque limiter to within limits and checked travels I.A.W. Pratt and Whitney PT6A-66D MM, Chapter 71. Op checks good. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM, Chapter 72. No changes noted between pre and post maintenance inspections. <tr> <td colspan="5"> <div> <div> AVEX Inc. 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 </div> <div> C.R.S. X1IR595Y Page 2 of 2 </div> </div> <div> ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA Work Order: 14342 TTSN: 1308.1 Date: 9/7/2018 Tach: Hobbs: 973.8 TCSN: 959 TSO: CSO: </div> <p>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. 14342.</p> <div>  Kim G. FLANKL </div> <div>  09/07/18 Date </div> <p>(LBID:14608) For: FAA Approved Repair Station # X1IR595Y</p> </td></tr>					<div> <div> AVEX Inc. 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 </div> <div> C.R.S. X1IR595Y Page 2 of 2 </div> </div> <div> ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA Work Order: 14342 TTSN: 1308.1 Date: 9/7/2018 Tach: Hobbs: 973.8 TCSN: 959 TSO: CSO: </div> <p>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. 14342.</p> <div>  Kim G. FLANKL </div> <div>  09/07/18 Date </div> <p>(LBID:14608) For: FAA Approved Repair Station # X1IR595Y</p>				
<div> <div> AVEX Inc. 205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323 </div> <div> C.R.S. X1IR595Y Page 2 of 2 </div> </div> <div> ENGINE Pratt & Whitney PT6A-66D S/N PCE-RV0208 N850CA Work Order: 14342 TTSN: 1308.1 Date: 9/7/2018 Tach: Hobbs: 973.8 TCSN: 959 TSO: CSO: </div> <p>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. 14342.</p> <div>  Kim G. FLANKL </div> <div>  09/07/18 Date </div> <p>(LBID:14608) For: FAA Approved Repair Station # X1IR595Y</p>									

CSO:

For: FAA Approved Repair Station # X11R595Y

Signature

AME
ACA/AMO
SCA/AMO

AVEX Inc.

C.R.S. X11R595Y

Page 1 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 15335

TTSN:

1453.4

Date: 10/7/2019

Tach:

Hobbs: 1119.1

TCSN: 1059

TSO:

CSO:

1. Complied with a "B" Inspection plus Annual I.A.W. Daher MM Chapter 05-20-03 and 05-20-05. All AD's checked through revision 2019-20; see AD compliance record provided with the airframe logbook. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D.
2. Performed pre-maintenance borescope of engine first stage compressor blades I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72.
3. Complied with the 24 month or 600 hour replacement of the air-conditioning compressor belt with new I.A.W. Daher MM Chapter 21. Op checks good.
4. Complied with the 600 hour check of the alternator brushes and removed and replaced with new I.A.W. Daher MM Chapter 24. Op checks good.
5. Complied with the 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. Op and leak checks good.
6. Complied with the 600 hour replacement of the fuel unit filter element with new I.A.W. Daher MM Chapter 28. Op and leak checks good.
7. Complied with the 400 hour cleaning and flow check of the engine fuel nozzles per Dallas Airmotive APO 11561. Installed the aircraft fuel nozzles after cleaning and flow check I.A.W. Pratt and Whitney PT6A-66D MM Chapter 73. Op and leak checks good.
8. Complied with the 400 hour borescope inspection of the hot section I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No defects found at this time.
9. 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.
10. Complied with the C.T. disc desalination and compressor power recovery wash I.A.W. Pratt and Whitney PT6A-66D MM Chapter 71.
11. Oil sample sent to Jet Care for analysis I.A.W. Pratt and Whitney PT6A-66D MM 79.

AVEX Inc.

C.R.S. X11R595Y

Page 2 of 2

205 Durley Avenue, Suite A, Camarillo, CA 93010 (805) 389-1188 FAX (805) 389-3323

ENGINE Pratt & Whitney PT6A-66D

S/N PCE-RV0208

N850CA

Work Order: 15335

TTSN:

1453.4

Date: 10/7/2019

Tach:

Hobbs: 1119.1

TCSN: 1059

TSO:

CSO:

12. 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.
13. Adjusted low standby generator voltage and is now reading 28.4 and .3 within limits I.A.W. Daher MM Chapter 24.
14. Borescoped the engine first stage compressor blades post maintenance I.A.W. Pratt and Whitney PT6A-66D MM Chapter 72. No changes noted between pre and post maintenance inspections.

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. 15335.

10/07/19

Date

(LBID:15907)

For: FAA Approved Repair Station # X11R595Y

Section 1: Record of engine maintenance and elementary work

Model PT6A-66D
S/N # RV0208
Reg. # N850CA
CSN 1140

Atlanta Turbine Management
500 Briscoe Blvd
Lawrenceville, Georgia 30046

Date: 10/12/20
TSN 1602.8
Hobbs 1602.8
Invoice 7533

- ◆ C/W an A+ Annual inspection IAW TBM 850 M/M R47, 14CFR Part 43 appendix D, IAW 91.409(a)(1).
- ◆ All A.D.'s in compliance through Bi-weekly 2020-20
- ◆ C/W a minor inspection IAW PT6A MM.
- ◆ C/W 12 mo./200 hour compressor wash IAW PT6A MM.
- ◆ C/W 600 hour, high pressure fuel filter inspection, no defects noted.

This aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under invoice number.

I certify this **Engine** has been Inspected IAW an **Annual inspection** and has been found to be in Airworthy condition.

Josh Lescote

A&P138745785IA

TBM

SERVICE CENTER

DallasAirmotive		Engine Logbook Entry		Work Order Number:	Date:
		40591 AIRPORT RD NEW LONDON NC 28217		RPR57369	04-JUNE-2021
Aircraft Type: TBM 850	Aircraft Registration Number: N850CA	Aircraft Serial Number: 552	Aircraft Total Time: 1689.2		
Engine S/N: PCE-RV0208	Engine Model: PT6A-66D	Engine Position: ONLY	Aircraft Total Landings: 1189		
Engine Time Since New (TSN): 1689.2	Engine Cycles Since New (CSN): 1189	Time Since Overhaul (TSO): N/A	Cycles Since Overhaul (CSO): N/A		

Work Performed: REMOVED ENGINE FOR PROP STRIKE INSPECTION.

WORK PERFORMED WITH REFERENCE TO PWC PT6A-66D MAINTENANCE MANUAL PN 3070902 REV. 20 DATED 12-APR-2021 AND OTHER DATA AND METHODS ACCEPTABLE TO THE ADMINISTRATOR.

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

Signature *Gary Plyler*
(GARY PLYLER) for Dallas Airmotive
FAA CRS #YRR2491L

DAI
164

Signature

AME
ACA/AMO
SCA/AMO40591 AIRPORT ROAD, NEW LONDON, NC 28127
CERTIFICATE NO. YRR2491LDAL
261

WORK ORDER NUMBER		ENGINE SERIAL NUMBER		MODEL	DATE
RPR57369		PCE-RV0208		PT6A-66D	6-30-2021
ENGINE T.S.N.	ENGINE C.S.N.	ENGINE T.S.O.		ENGINE C.S.O.	INSPECTOR
1689.2	1189	NA		NA	DAVID BOYSWORTH

ACCESSORY INSTALLATION

NAME	P/N	S/N	TSN	REMARKS
FUEL CONTROL	8053-053	16844397	1689.2	
FLOW DIVIDER	25638-3	9959530245	1689.2	
FUEL HEATER	10585K	WA38817	1689.2	
FUEL PUMP	825601-5	010244	1689.2	
FUEL FILTER	3059779-01	NSN	00.0	
OVERSPEED GOV.	A210632	16605288	00.0	OVERHAULED
CONSTANT SPEED GOV.	8210-007-01	13555450	00.0	OVERHAULED
TORQUE LIMITER	3244862-2	C35454	1689.2	
EXCITER/REGULATOR	NOT RECEIVED			
H.P. BLEED VALVE	3059835-01	AHX015614	1689.2	CL17 SEAT
P3 FILTER	3059787-01	NSN	823.1	
OIL FILTER	3059258-01	NSN	00.0	
T5 HARNESS	3043825-01	NR04905	1689.2	
T5 TRIMMER	3053995CL13	NR00437	00.0	OVERHAULED 34.7 OHMS
THERMOSTATIC BYPASS	3024995	5310	1689.2	

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

PT6A-66D	Engine S/N: PCE-RV0208	T.S.N.: 1689.2	C.S.N.: 1189	T.S.O.: NA	C.S.O.: NA				
RECEIVED ENGINE IN FOR SUDDEN STOPPAGE/PROPELLER STRIKE INSPECTION IAW THE LIGHT OVERHAUL SECTION OF THE OVERHAUL MANUAL. DISASSEMBLED POWER SECTION, CLEANED, AND INSPECTED ALL PARTS. ASSEMBLED POWER TURBINE ASSY. AND BALANCED. ASSEMBLED POWER SECTION. COMPLIED WITH HOT SECTION INSPECTION. COMPLIED WITH 400HR FUEL NOZZLE INSPECTION. REPAIRED INLET CASE FOR CORROSION. ASSEMBLED ENGINE. TESTED, PRESERVED FUEL SYSTEM AND PREPARED ENGINE FOR SHIPPING. ALL WORK DONE WITH REFERENCE TO PRATT & WHITNEY OVERHAUL MANUAL P/N 3070903 REV. 16 DATED 18 MAY 2020, MAINT. MANUAL P/N 3070902 REV. 20 DATED 12 APRIL 2021, AND OTHER DATA AND METHODS ACCEPTABLE TO THE ADMINISTRATOR. SEE ATTACHED PARTS LIST AND 8130'S FOR PARTS REPAIRED OR REPLACED.									
CT VANE AREA=7.21 PT STATOR AREA= 23.27									
BOV SEAT TESTED WITH= 15 BOV SHIPPED= 17									
SERVICE BULLETINS COMPLIED WITH= SB14546R1, SB14524R1									
CT TRIM WEIGHT= G09N									
CORRECTED ENGINE PERFORMANCE									
SHP	Ng %	T ₃ °F	T ₃ °C	SFC	POWER CHECK T ₃ TARGET	DATA PLATE SPEED@850 SHP	T ₃ PULL DOWN REQUIRED	T ₃ TRIMMER	
950	93.7	1228	664	633	NA °C	34800/92.8%	28.9 °C	P/N 3053995CL13	ADJUSTED @ 34.7 Ω
LIFE LIMITED COMPONENTS INSTALLATION (NOTE: REFER TO S/B, LATEST REVISION, FOR APPROVED LIFE LIMITS)									

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


Name	Part Number	Serial Number	Total Cycles	Cycles Rem
Disk Stg 1 PT	3037312	A002PFD7	1189	13811
Disk Stg 2 PT	3037313	YUAA006A146	1189	13811
DISK CT	3053740-01	A002PA03	1189	6802
Blade Stg 1 PT	3122972-01	INSPECTED		
Blade Stg 2 PT	3056693-01	INSPECTED TT= 1689.2		
Blade CT	NDIS	VISUAL INSPECTION		
CYCLES CALC PER SB14002R26				

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: RPR57369

Signature: *David Boysworth*

Date: 6-30-2021

DAL
261

 DallasAirmotive		Engine Logbook Entry 40591 AIRPORT RD NEW LONDON NC 28217		Work Order Number: RPR57369	Date: 09-JULY-2021
Aircraft Type: TBM 850	Aircraft Registration Number: N850CA	Aircraft Serial Number: 552	Aircraft Total Time: 1689.2		
Engine S/N: PCE-RV0208	Engine Model: PT6A-66D	Engine Position: ONLY	Aircraft Total Landings: 1189		
Engine Time Since New (TSN): 1689.2	Engine Cycles Since New (CSN): 1189	Time Since Overhaul (TSO): N/A	Cycles Since Overhaul (CSO): N/A		

Work Performed: INSTALLED ENGINE AFTER PROP STRIKE AND HOT SECTION INSPECTION. COMPLIED WITH SB 14293R3. CUSTOMER TO COMPLETE INSTALLATION OF PROP, ENGINE COWLING AND PERFORM GROUND PERFORMANCE RUN AND LEAK CHECK. SEE INDIVIDUAL 8130 FORMS FOR DETAIL WORK PERFORMED.

WORK PERFORMED WITH REFERENCE TO PWC PT6A-66D MAINTENANCE MANUAL PN 3070902 REV. 20 DATED 12-APR-2021, SOCATA TBM 850 AIRCRAFT MAINTENANCE MANUAL PN DMAMMPXED REV. 48-1454 DATED 01-JUNE-2020 AND OTHER DATA AND METHODS ACCEPTABLE TO THE ADMINISTRATOR.

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

Signature

(GARY PLYLER) for Dallas Airmotive
 FAA CRS #YRR2491E



Model PT6A-66D
 S/N # RV0208
 Reg. # N850CA
 CSN 1189

Atlanta Turbine Management
500 Briscoe Blvd
Lawrenceville, Georgia 30046

Date: 7/20/21
 TSN 1689.2
 Hobbs 1689.2
 Invoice 7601

- ♦ C/W Pratt and Whitney SB 14476R2 by installation of a PY bracket IAW kit instructions.
- ♦ Adjusted prop max RPM screw on primary governor to obtain 2000 Rpm. Saftied as req'd.

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under invoice number.

Joseph Lent

A&P138745785

TBM

SERVICE CENTER



Exec Aero LLC - 83 Nilson Way - Orlando, FL 32803 - 4074207934

N850CA

Hobbs: 1366.4

P&W CANADA, PT6A-66 SER, S/N: PCE-RVO208

TTSN: 1700.7

November 01, 2021

1. C/W P&WC Engine Minor Inspection IAW 72-00-00 Table 601 Installed P/N PT6-100 - KIT: 100 HR , Rev/Lot: 06292101/586
2. C/W 200HR AGB internal scavenge pump inlet screen IAW 72-60-00.
3. Performed engine compressor 1st stage FOD inspection.
4. Borescope inspection performed by Dallas Airmotive WO#FLD1268.
5. C/W 400Hr Check ignition exciter for installation and condition IAW 74-10-00.
6. C/W 400Hr Check ignition cables for chafing, wear and installation IAW 74-20-00.
7. CW 1Yr/200Hr Engine desalinization wash IAW 72-00-00.
8. C/W 1000HR P3 filter change IAW 72-00-00 Installed P/N 3059787-01 - Filter element, compressor air, cleanable , Rev/Lot: 10062108/IJ13301398.
9. C/W 1Yr service engine oil system IAW 79-00-CA Installed (2) P/N AS 560 - TURBINE OIL , Rev/Lot: 06252101/9312611838 Installed P/N GA-001-OFK - AVLAB TEST KIT , Rev/Lot: 08112104.
10. Operational and leak checks completed.

I certify that this Engine has been inspected in accordance with a Minor Inspection and was determined to be in Airworthy condition.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero LLC under work order: WO21-639.

Nathan Marler Inspection Authorization 3466392

Dallas Airmotive A Standard Aero Company		Engine Log Book Entry 2988 West Walnut Hill Lane DFW Airport, TX 75261		Work Order Number: FLD 12628	Date: 17-Sept.-2021
Aircraft Type: TBM 700 (850)	Aircraft Registration Number: N 850CA	Aircraft Serial Number: 552	Aircraft Total Time: 1700.7		
Engine S/N: PCE-RV 0208	Engine Model: PT6A-66D	Engine Position: 1	Aircraft Total Landings: 1041		
Engine Time Since New (TSN): 1700.7	Engine Cycles Since New (CSN): 1057	Time Since Overhaul (TSO): TSN	Cycles Since Overhaul (CSO): CSN		

Work Performed: Performed a Borescope Evaluation on Engine Assy per customer request. Components visible via Borescope found in Satisfactory Condition at this time. See Borescope Report for Observations. **END.**


Work performed with reference to: PWC PT6A-66D Maintenance Manual p/n 3070902 rev. 20 dated April 12, 2021 and other data and methods acceptable to the administrator.

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

Signature
(Rogelio A. Vargas) for Dallas Airmotive
FAA CRS # YRRR491L

Given the nature of borescope instrumentation it is often not possible to make observations and examine all areas of an individual engine as part of an evaluation. Based on this limitation, Dallas Airmotive, Inc. cannot and does not warrant its findings for borescope evaluations (pre-purchase and otherwise) against the possibility that hidden damage may exist that was not observable and reported by our technician at the time of the evaluation.

Section 1: Record of engine maintenance and elementary work

 DallasAirmotive A StandardAero Company		Engine Log Book Entry 2988 West Walnut Hill Lane DEW Airport, TX 75261		Work Order Number: FLD	Date: 12/20/2021
Aircraft Type: Daher TBM850	Aircraft Registration Number: N850CA	Aircraft Serial Number: 552	Aircraft Total Time: 1736.7		
Engine S/N: PCE-RV0208	Engine Model: PT6A-66D	Engine Position: center	Aircraft Total Landings: N/A		
Engine Time Since New (TSN): 1736.7	Engine Cycles Since New (CSN): N/A	Time Since Overhaul (TSO): N/A	Cycles Since Overhaul (CSO): N/A		

Work Performed: *Performed a pre-purchase borescope evaluation of the engine. The hot section condition is satisfactory for time in service, as visible. The 1st stage compressor blade condition is satisfactory for time in service, as visible. The power turbine blade condition is satisfactory for time in service, as visible. The cowlings, fuel nozzle and inlet access cover will be installed by the customer. with reference to Pratt and Whitney Canada MM P/N 3070902 Rev. 21.0 Dated October 11, 2021 and with other data and methods acceptable to the administrator.*

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

DAI
281

Signature

Paul McKinny for Dallas Airmotive
 FAA CRS # YRRR491L

Given the nature of borescope instrumentation it is often not possible to make observations and examine all areas of an individual engine as part of an evaluation. Based on this limitation, Dallas Airmotive, Inc. cannot and does not warrant its findings for borescope evaluations (pre-purchase and otherwise) against the possibility that hidden damage may exist that was not observable and reported by our technician at the time of the evaluation.

Details of task



Exec Aero LLC - 83 Nilson Way - Orlando, FL 32803 - 4074207934

ME
AMO
AMON850CA
Cycles: 1334P&W CANADA, PT6A-66 SER, S/N: PCE-RVO208
Hobbs: 1520.0 TTSN: 1854.3

June 16, 2022

1. Removed aft Chip detector. Inspected the AGB internal scavenge pump inlet screen IAW 72-60-00. Tested Chip detectors and wiring IAW 79-20-02. Reinstalled aft Chip detectors.
2. Operational and leak checks completed.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero LLC under work order: WO22-368.

John Polulech Inspection Authorization 3464528



Exec Aero, LLC - 83 Nilson Way - Orlando, FL 32803 - 407-420-7934 - CRS#: EXAR968D

N850CA
Cycles: 1385P&W CANADA, PT6A-66 SER, S/N: PCE-RVO208
Hobbs: 1575.0 TTSN: 1909.3

August 18, 2022



1. C/W P&WC Engine Minor Inspection IAW 72-00-00 Table 601. Installed P/N PT6-100 - KIT: 100 HR Rev/Lot: W053742001, Installed P/N MS9386-014 - Packing Preformed Pratt & Whitney Rev/Lot: TDBS37, Installed P/N MS9386-126 - Packing Preformed Pratt & Whitney Rev/Lot: 0000122369, Installed P/N MS9386-015 - Packing Preformed Pratt & Whitney Rev/Lot: TKDS37.
2. Perform engine compressor 1st stage FOD inspection.
3. C/W 200Hr AGB internal scavenge pump inlet screen inspection IAW 72-60-00.
4. C/W 1Yr/200Hr Engine desalinization wash IAW 71-00-00. Installed P/N 3010880 - Gasket, igniter Rev/Lot: 7365678624, Installed P/N 3023431 - Gasket Rev/Lot: 3233385.
5. C/W 1Yr service engine oil system IAW 79-00-CA. Added 2 quarts of oil. Installed (2) P/N 560-1QT - Aeroshell Turbine Oil Rev/Lot: 11180.
6. Installed new Adel clamp on R/H side of engine fuel drain IAW 71-70-00. Installed P/N 7141381229 - Clamp Rev/Lot: 80282735.
7. Operational and leak checks completed.


I certify that this Engine has been inspected in accordance with a Minor Inspection and was determined to be in Airworthy condition.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero, LLC under work order: RS22-008.

Nathan Marler for CRS EXAR968D

Section 1: Record of engine maintenance and elementary work

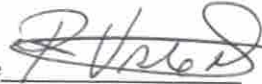

Date	Time since	Time since	Total cycles	Details of task
wo: RS23-007				
				
Exec Aero, LLC - 83 Nilson Way - Orlando, FL 32803 - 407-420-7934 - CRS#: EXAR968D				
N850CA P&W CANADA, PT6A-66 SER, S/N: PCE-RV0208 February 02, 2023 Cycles: 1524 Hobbs: 1770.7 TTSN: 2105.0				
<ol style="list-style-type: none"> 1. C/W Engine Minor Inspection IAW Pratt & Whitney Chapter 72-00-00 Table 601. Installed (2) P/N 7423510000 - Ignitor Gasket (3010880) Rev/Lot: 4501040394, Installed P/N PT6-100 - KIT: 100 HR Rev/Lot: 7365791942, Installed (3) P/N 560-1QT - Aeroshell Turbine Oil Rev/Lot: 0000033084U076. 2. Complied with 1st stage compressor FOD damage inspection. 3. C/W 6Mo/200Hr AGB internal savage pump inlet screen IAW 72-60-00. 4. C/W 400Hr Fuel manifold and nozzle function test IAW 73-11-05. Fuel nozzles serviced by Dallas Airmotive WO#RPR61296. 5. C/W 400Hr Engine borescope inspection IAW 72-20-00. Inspection conducted by Standard Aero WO#34505. 6. C/W 400Hr ignition exciter, ignition cables and ignition spark igniters clean/inspect IAW 74-10-00 & 74-20-00. 7. C/W 600Hr Fuel inlet screen clean/replacement IAW 73-10-02. 8. C/W 600Hr Fuel outlet filter replacement IAW 72-73-10-02. 9. C/W Engine performance recovery wash IAW 71-00-00. Installed P/N 3023431 - Gasket, Installed P/N 3023431 - Gasket Rev/Lot: 3220178. 10. Operational and leak checks completed. 				
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero, LLC under work order: RS23-007.				
Nathan Marler for CRS EXAR968D 				

 StandardAero		Engine Log Book Entry 2988 West Walnut Hill Lane DFW Airport, TX 75261		Work Order Number: 34505	Date: 19-Jan.-2023
Aircraft Type: TBM-850	Aircraft Registration Number: N850CA	Aircraft Serial Number: 552	Aircraft Total Time: 2106.0		
Engine S/N: PCE-RV0208	Engine Model: PT6A-66D	Engine Position: 1	Aircraft Total Landings: 1524		
Engine Time Since New (TSN): 2106.0	Engine Cycles Since New (CSN): 1524	Time Since Overhaul (TSO): TSN	Cycles Since Overhaul (CSO): CSN		

Work Performed: Performed a Scheduled Borescope Inspection of Hot Section Components with reference to applicable Maintenance Manual Periodic Inspection Table 601 Section 2B. Components/areas visible via Borescope found in Satisfactory Condition at this time. Reference Borescope Report for observations. **END.**

Work performed with reference to: PWC PT6A-66D Maintenance Manual p/n 3070902 rev. 23.0 dated Oct. 10, 2022, and other data and methods acceptable to the administrator.

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

Signature  
(Rogelio A. Vargas) for StandardAero
FAA CRS # YRRR491L

Given the nature of borescope instrumentation it is often not possible to make observations and examine all areas of an individual engine as part of an evaluation. Based on this limitation, StandardAero cannot and does not warrant its findings for borescope evaluations (pre-purchase and otherwise) against the possibility that hidden damage may exist that was not observable and reported by our technician at the time of the evaluation.

W/O: RS23-028



Engine - page 1 of 1

AME
ACA/AMO
SCA/AMO

Exec Aero, LLC - 83 Nilson Way - Orlando, FL 32803 - 407-420-7934 - CRS#: EXAR968D

N850CA
Cycles: 1674P&W CANADA, PT6A-66 SER, S/N: PCE-RVO208
Hobbs: 1974.3 TTSN: 2308.6

September 14, 2023

1. C/W P&WC Engine Minor Inspection IAW 72-00-00 Table 601. Installed P/N PT6-100 - KIT: 100 HR Rev/Lot: 7365823184.
2. C/W engine compressor 1st stage FOD Inspection required.
3. C/W P&WC SIL PT6A-213 (Compressor Inlet Case Corrosion Inspection).
4. C/W 1Yr/200Hr Engine power recovery wash IAW 72-00-00. Installed P/N 7423510000 - Ignitor Gasket (3010880) Rev/Lot: 3533378, Installed P/N 7423510000 - Ignitor Gasket (3010880).
5. C/W 1Yr Service engine oil system IAW 79-00-CA. Installed (2) P/N 560-1QT - Aeroshell Turbine Oil Rev/Lot: 0000047089U076.
6. C/W 1Yr Clean P3 filter IAW PWC EMM 73-10-07 Par. 7A. Installed P/N MS9386-126 - O RING Rev/Lot: 771910-01, Installed P/N MS9386-015 - Filter O-Ring Rev/Lot: 626958/VHCS37, Installed P/N 7423060092 - Seal (MS9386-014) Rev/Lot: 3436334, Installed P/N M25988/1-928 - O-ring PT6 Rev/Lot: 7365916806.
7. C/W 200Hr Oil filter and secondary screen inspection IAW 79-20-02. Installed P/N 7423510009 - O-Ring (AS3209-143) Rev/Lot: 765703-03, Installed P/N 7423510010 - O-Ring (AS3209-224) Rev/Lot: VDAV46, Installed P/N 7423510008 - Pratt & Whitney Gasket (AS3209-120) Rev/Lot: 0080393625.
8. C/W 200Hr AGB internal scavenge pump inlet screen IAW 72-00-00.
9. Replaced Engine Spark Igniters IAW 74-20-00. Installed (2) P/N 6069607224 - Igniter (CH34055).
10. C/W Engine operational and leak checks.

I certify that this Engine has been inspected in accordance with a Minor Inspection and was determined to be in Airworthy condition.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero, LLC under work order: RS23-028.

Nathan Marler for CRS EXAR968D



Date: 01/25/24

ACTT: 2439.0



Cycles: 1768

Hobbs: 2104.7



member of

NBAA

Daher TBM 850

N850CA

Powerplant

S/N: 552

Description of inspections, repairs, tests, and alterations

Performed engine Compressor, and Turbine power recovery wash / rinse in accordance with Daher TBM 850 Maintenance Manual Chapter 71-00-00, 1, A, B, (1-4), C (1), D (1-3), Pratt and Whitney Maintenance manual Chapter 71-00-00.6, A (1-23), B (1-24), C (1-23) Referencing Post SB14293R3 72-50-05 Exhaust duct drain tube nipple and cap assy. Engine runup procedures were performed with no discrepancies noted. This aircraft has been determined to be in an airworthy condition as to the work performed and is approved for return to service. (end)

Mark Timmons A&P/IA 3210132




member of
NBAA

Powerplant

S/N: 552

Complied with EAD 2024-04-51 Emergency AD, **Second Stage Power Turbine Blade Inspection.** In accordance with CF-2024-05 Transport Canada EAD, Pratt & Whitney Alert Service Bulletin P&WC S.B. No. A14574, PT6A-72-A14574. N/A to engine S/N PCE-RV0208 Suspect Blade Serial numbers installed in this engine are **NOT** listed in Table 1 of the PW&C Alert S.B. PT6A-72-A14574. This aircraft has been determined to be in an airworthy condition as to the inspection performed and is approved for return to service. (end)

 StandardAero	Engine Logbook Entry 2988 West Walnut Hill Lane DFW Airport, TX 75261		^{1.} Work Order Number: 38838	^{2.} Date: 6-June-2024
	^{3.} Aircraft Type: TBM700 (850)	^{4.} Aircraft Registration Number: N 850CA	^{5.} Aircraft Serial Number: 552	^{6.} Aircraft Total Time: 2509.6
^{7.} Engine S/N: PCE-RV0208	^{8.} Engine Model: PT6A-66D	^{9.} Engine Position: 1	^{10.} Aircraft Total Landings: 1837	
^{11.} Engine Time Since New (TSN): 2509.6	^{12.} Engine Cycles Since New (CSN): 1837	^{13.} Time Since Overhaul (TSO): TSN	^{14.} Cycles Since Overhaul (CSO): CSN	

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

Signature

FAA CRS # YRRR491L

Given the nature of borescope instrumentation it is often not possible to make observations and examine all areas of an individual engine as part of an evaluation. Based on this limitation, StandardAero cannot and does not warrant its findings for borescope evaluations (pre-purchase and otherwise) against the possibility that hidden damage may exist that was not observable and reported by our technician at the time of the evaluation.

[illegible]



Exec Aero, LLC - 83 Nilson Way - Orlando, FL 32803 - 407-420-7934 - CRS#: EXAR968D

N850CA

Pratt & Whitney Canada, PT6A-66D, S/N: PCE-RVO208

June 25, 2024

Cycles: 1837

Hobbs: 2175.3

TTSN: 2509.6


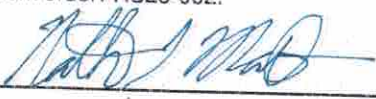
1. C/W P&WC Engine Minor Inspection IAW 72-00-00 Table 601.
2. C/W engine compressor 1st stage FOD Inspection.
3. C/W P&WC SIL PT6A-213 (Compressor Inlet Case Corrosion Inspection).
4. P&WC ASB A14575 (Single-Engine Application First Stage PT Blades - Inspection/Replacement of), Dated Jun 13/2024, N/A by engine not listed in Table 1 and no record of overhaul or repair during affected date range.
5. C/W 1Yr/200Hr Engine desalination wash IAW 72-00-00. Installed (2) P/N 7423510000 - Ignitor Gasket (3010880), Installed P/N 3023431 - Gasket Rev/Lot: 3233385.
6. C/W 1Yr Service engine oil system IAW 79-00-CA. Installed (2) P/N 560-1QT - Aeroshell Turbine Oil Rev/Lot: 0000047089U076.
7. C/W 1Yr Clean and inspect P3 filter and housing IAW 73-10-07. Installed P/N MS9386-126 - O RING Rev/Lot: 0000115063, Installed P/N MS9386-015 - Filter O-Ring Rev/Lot: SJDS37, Installed P/N 7423060092 - Seal (MS9386-014).
8. C/W 200Hr Oil filter and secondary screen inspection IAW 79-20-02. Installed P/N 7423510009 - O-Ring (AS3209-143), Installed P/N 7423510008 - Pratt & Whitney Gasket (AS3209-120) Rev/Lot: 0080393625, Installed P/N 7423510010 - O-Ring (AS3209-224) Rev/Lot: VDAV46.
9. C/W 200Hr AGB internal scavenge pump inlet screen check IAW 72-60-00.
10. C/W 200Hr Fuel outlet filter foreign matter or distortion inspection IAW 73-10-02. Installed P/N 7247510006 - O-Ring Kit (3033356).
11. C/W 400Hr Engine- Inspection hot section with borescope IAW 72-00-00. Borescope inspection performed by Standard Aero (CRS YRRR491L) WO# 38838.
12. C/W 400Hr Engine- Fuel manifold adapters-perform leak test and function test IAW 73-10-05. Fuel nozzle service performed by Standard Aero (CRS U8TR793Y) WO#44-00691.
13. C/W 400Hr Check ignition exciter for installation and condition IAW 74-00-CA.
14. C/W 400Hr Ignition exciter check for condition and attachment IAW 74-10-00.
15. C/W 400Hr Ignition cables check for routing, attachment and wear due to chafing IAW 74-20-00.
16. C/W 400Hr spark igniters check for cleanliness and erosion IAW 74-20-00.
17. Performed Patch Test and engine oil analysis. Installed P/N GA-001-OFRK - AVLAB TEST KIT.
18. Performed two engine oil flushes due to high carbon content IAW 72-00-00. Installed (3) P/N 7423510012 - Pratt & Whitney Seal (AS3209-115), Installed (24) P/N 560-1QT - Aeroshell Turbine Oil Rev/Lot: 47089U870, Installed P/N GA-001-OFRK - AVLAB TEST KIT, Installed P/N 7423510010 - O-Ring (AS3209-224), Installed P/N 7423510008 - Pratt & Whitney Gasket (AS3209-120) Rev/Lot: 0080393625, Installed P/N M83248/1-143 - O- RING.
19. C/W 1000Hr Oil filter replacement IAW 72-00-00. Installed P/N 3059258-01 - Filter, Installed P/N 7423510009 - O-Ring (AS3209-143), Installed P/N 7423510008 - Pratt & Whitney Gasket (AS3209-120) Rev/Lot: 7365874004, Installed P/N 7423510010 - O-Ring (AS3209-224).
20. Performed Patch Test for engine oil analysis. Final test found significant reduction in carbon content as indicated by Patch Test IAW P&WC SB 14001R20. Installed P/N GA-001-OFRK - AVLAB TEST KIT.
21. C/W Engine operational and leak checks.

I certify that this Engine has been inspected in accordance with a Minor Inspection and was determined to be in Airworthy condition.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero, LLC under work order: RS24-017.

Nathan Marler for CRS EXAR968D

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
wo: RS25-002				Engine - page 1 of 1
 Exec Aero, LLC - 83 Nilson Way - Orlando, FL 32803 - 407-420-7934 - CRS#: EXAR968D				
N850CA Pratt & Whitney Canada, PT6A-66D, S/N: PCE-RVO208 March 17, 2025 Cycles: 1997 Hobbs: 2359.8 TTSN: 2694.1				
<ol style="list-style-type: none"> 1. C/W P&WC Engine Minor Inspection IAW 72-00-00 Table 601. 2. C/W engine compressor 1st stage FOD Inspection IAW 72-00-00. 3. C/W P&WC SIL PT6A-213 (Compressor Inlet Case Corrosion Inspection). 4. C/W 1Yr/200Hr Engine power recovery wash IAW 71-00-00. Installed (2) P/N 7423510000 - Ignitor Gasket (3010880) Rev/Lot: 7366101006, Installed P/N 3023431 - Gasket. 5. C/W 1Yr Service engine oil system IAW 79-00-CA. 6. C/W 200Hr Oil filter and secondary screen inspection IAW 79-20-02.. C/W Unscheduled Inspection: Contamination of Oil with Carbon Debris IAW 72-00-00 Para (13)(Y)(1) through (24). Installed (2) P/N 560-1QT - Aeroshell Turbine Oil Rev/Lot: 0000114900U076, Installed P/N 7423510009 - O-Ring (AS3209-143), Installed P/N 7423510010 - O-Ring (AS3209-224), Installed P/N AS3209-120 (Alt 7423510008) - Seal, Installed (19) P/N 560-1QT - Aeroshell Turbine Oil Rev/Lot: 47089U870, Installed P/N 7579522AM - FILTER ELEMENT Rev/Lot: 0060, Installed P/N AS3209-019 - O ring Rev/Lot: 03052004/IJ11689178A, Installed (2) P/N AS3209-115 - Pratt & Whitney Seal, Installed P/N 7423510008 - Pratt & Whitney Gasket (AS3209-120) Rev/Lot: 0080393625, Installed P/N AS3209-224 - O-Ring, Installed P/N 7423510009 - O-Ring (AS3209-143). 7. Follow on maintenance requirements IAW 72-00-00 Para (13)(Y)(24). Inspect the main oil filter and clean after 50 hours (Ref. 79-20-02, OIL FILTER & CHECK VALVE - MAINTENANCE PRACTICES). If no carbon debris is found, inspect main oil filter and clean every 100 hours and replace the filter element at 200 hours interval. After 400 hours if no further carbon debris is found in filter reinstate normal periodic inspection intervals (Ref. 72-00-00, ENGINE, TURBOPROP - INSPECTION). Follow in maintenance requirements IAW 72-00-00 Para (13)(Y)(25). If debris is found, repeat Steps (1) thru (24) preceding. 8. C/W 200Hr AGB internal scavenge pump inlet screen check IAW 72-60-00. 9. C/W 200Hr Fuel outlet filter foreign matter or distortion inspection IAW 73-10-02. Installed P/N 7247510006 - O-Ring Kit (3033356). 10. C/W 600Hr Fuel Inlet Screen inspect, clean and reinstall IAW 73-10-02. 11. C/W 1000Hr P3 filter replacement IAW 73-10-07 & 72-00-00. Installed P/N MS9386-126 - O RING Rev/Lot: 0000115063, Installed P/N MS9386-015 - Filter O-Ring, Installed P/N 3059788-01 - Filter element, compressor air, cleanable, Installed P/N MS9386-014 - O RING. 12. C/W 1000Hr Oil filter replacement IAW 72-00-00. Installed P/N 3059258-01 - Filter, Oil. 13. Performed engine oil sample and patch test. Installed P/N GA-001-OFRK - AVLAB TEST KIT. 14. C/W Engine operational and leak checks. 				
I certify that this Engine has been inspected in accordance with a Minor Inspection and was determined to be in Airworthy condition.				
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Exec Aero, LLC under work order: RS25-002.				
Nathan Marler for CRS EXAR968D 				

Signature

AME
ACA/AMO
SCA/AMO

Date: 04/15/25

TT: 2750.6



Cycles: 2042



Hobbs: 2416.3

TBM 850

N850CA

PT6A-66D

Powerplant

E S/N PCE-RV0208

S/N: 552

Description of inspections, repairs, tests, and alterations

Removed and cleaned the main oil filter P/N 3059258-01 NSN in accordance with Pratt & Whitney MM P/N 3070902 Rev. 28, 04/07/2025, Chapter 79-20-02, OIL FILTER & CHECK VALVE - MAINTENANCE PRACTICES, Section 6. A, (1-3), 3. (a-h), D. (1-5), Follow on maintenance requirements IAW Chapter 72-00-00 Para (13)(Y)(1-24) unscheduled inspection for carbon debris, results were normal no carbon debris noted. Next inspection 100 hours TT 2850.6. Reinstalled Filter using new packings AS3209-143, -120, -224. Serviced oil system with 1-quart Aeroshell 560 oil. Post engine operational and leak checks were performed with satisfactory results. This aircraft has been determined to be in an airworthy condition as to the work performed and approved for return to service. (End).

Mark Timmons A&P/IA 3210132

Date: 05/05/25

TT: 2785.9



Cycles: 2069



Hobbs: 2451.6

TBM 850

N850CA

PT6A-66D

Powerplant

E S/N PCE-RV0208

S/N: 552

Description of inspections, repairs, tests, and alterations

Performed CT and PT Desalination Wash in accordance with Pratt & Whitney MM P/N 3070902, Rev. 28, 04/07/2025, Chapter 71-00-00, Section 5, 6. A. (1-23), and Daher TBM 850 MM P/N DMNMMPXEE0R22 7/2023, Chapter 71-00-00, 1, A, B, (1-4) C (1), D (1-3), Post engine operational and leak checks were performed with satisfactory results. This aircraft has been determined to be in an airworthy condition as to the work performed and approved for return to service. (End).

Mark Timmons A&P/IA 3210132