

ENGINE LOGBOOK

PT6A Turboprop

PCE-RX0065

LEFT ENGINE
N322DH
B200 BY-30



Pratt & Whitney Canada

A United Technologies Company

Volume #: 1

Opened on: 27 JAN 2008

ENGINE DETAILS

- 1. Manufacturer Pratt & Whitney Canada Corp.

- 2. Type/Model/Series E.T.C. E-12 PT6A-52 B/S: 1228

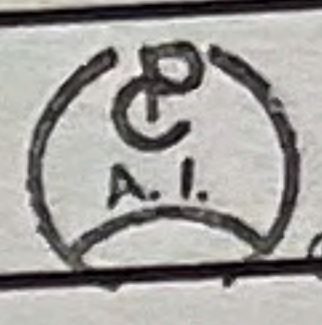
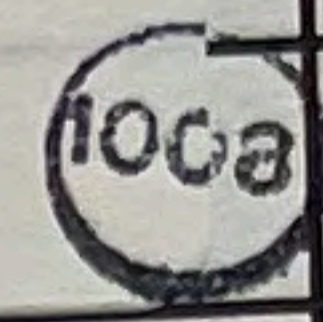
- 3. Serial Number PCE- RX0065.

This Gas Generator module is combined with
Power Section.
S/N: PS- RX 0065
NG/√⊙ 34950 RPM, at 850 SHP / √⊙
ITT Trim: 16.9 C°
T5 Trim resistance: 60.3 Ohms

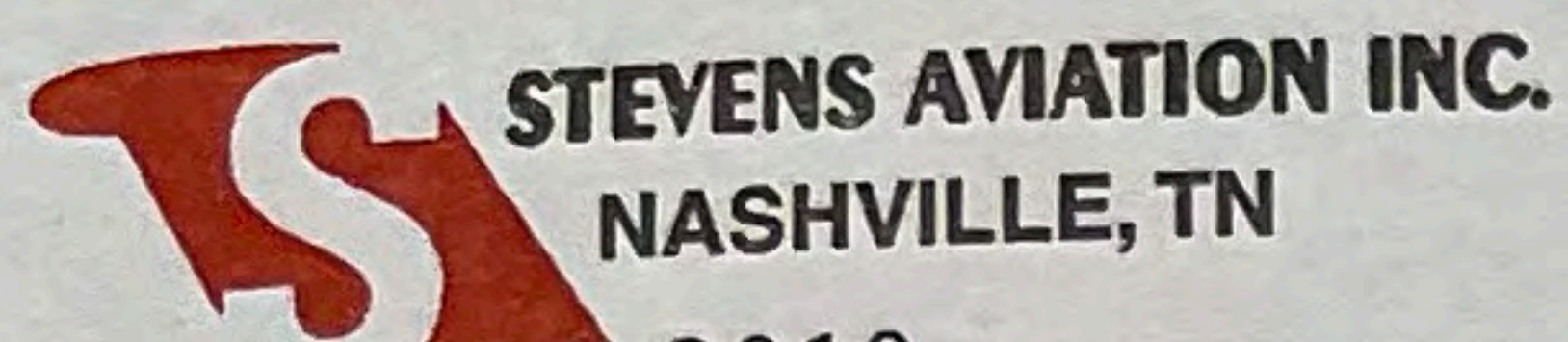
Signature

AME
ACA/AMO
SCA/AMO

K. PIVIDOR



T.C. 4-58
NO. 024



STEVENS AVIATION INC.
NASHVILLE, TN

February 26, 2010

Left Engine S/N PCE-RX0065

N94CK
S/N BY-30
TSN 204.9

ACTT 204.9
HM 204.9
CSN 187

○
○

I certify this **Engine** has been inspected in accordance with FAR 91.409(F) 3 and a **HB Phase 3 & 4** Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number 1798.

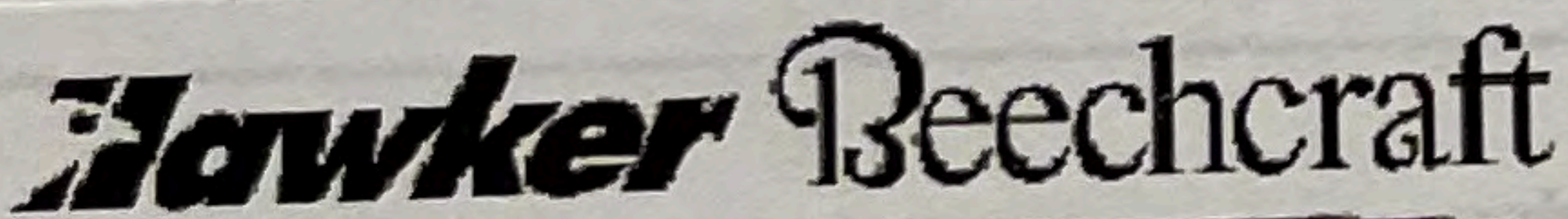
SIGNED
For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Obtained Skywatch Oil Samples. Cleaned and inspected fuel & oil screens and filters. Complied with P&W minor inspection per H/B maintenance manual inspection guide in chapter 5, phase 3 and 4. Checked igniters & chip detector. Checked 1st stage compressor for FO damage. Checked starter/generator brush wear. Lubricated engine and propeller controls. Completed performance recovery compressor wash & CT rinse. Ground run leak check serviceable.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 1798.

Signed
For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K

SA-0505



SERVICES

LEFT ENGINE LOG ENTRY

10440 John Cape Road
San Antonio, TX. 78216
Phone 210.824.7503
Fax 210.804.6566

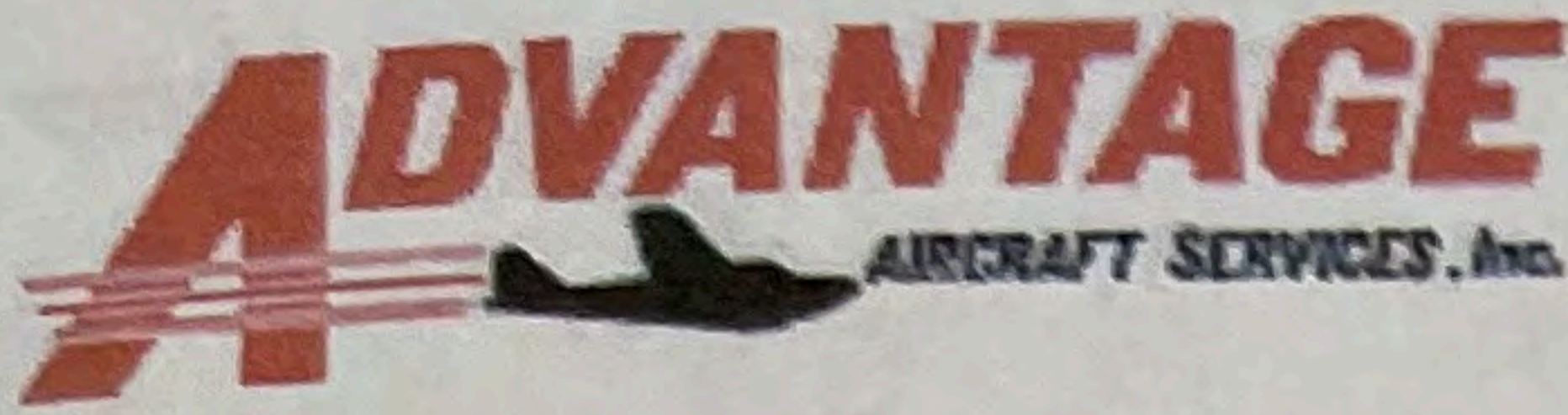
MODEL	A/C S/N	A/C REG.	WORK ORDER#	AC TT	AC TCYC:	HR MTR:	DATE
B200GT	BY-30	N94CK	25-04-2771	210.0	189	210.0	4-23-10
LT ENG SN	LT ENG TT	LT ENG TCYC	LT ENG TSO	LT ENG TSHSI			
RX065	210.0	189	N/A	N/A			

- BORESCOPED HOT SECTION. NO DEFECTS FOUND. PERFORMED GROUND RUNS. OPERATION AND LEAK CHECKED GOOD.

THE WORK PERFORMED ON THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS. ONLY THOSE ITEMS SPECIFIED IN THE WORK ORDER HAVE BEEN INSPECTED AND FOUND TO BE AIRWORTHY AND RETURNED TO SERVICE. NO OTHER REPRESENTATIONS CONCERNING AIRWORTHINESS ARE EXPRESSED OR IMPLIED.

HAWKER BEECHCRAFT SERVICES
SAN ANTONIO, TEXAS
CRS XA14605K

LEE DAN ROGERS



ENGINE LOG BOOK ENTRY

Engine: LEFT N322DH P&W PT6A-52 S/N PCE-RX0065 Date: 4/4/2013
 Engine Total Time: 795.8 Total Cycles: 933 Indicated Time: 795.8 HM W/O: 6347

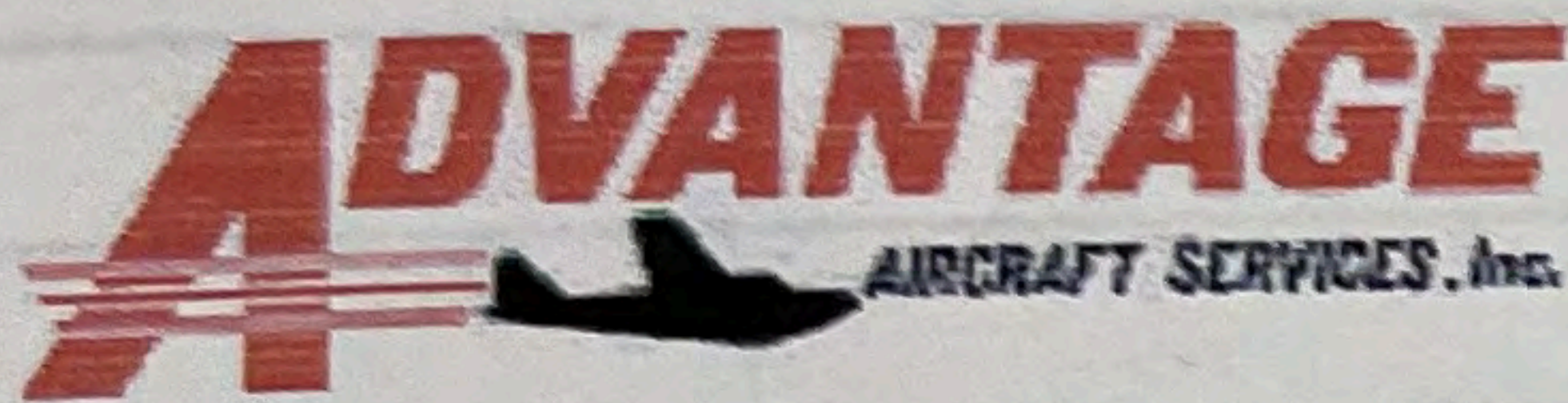
COMPLETED PHASE 1 AND 2 INSPECTIONS IN ACCORDANCE WITH KA 200 MAINT. MANUAL REV. C7 CHAPTER 5-20.
 CLEANED, FLOW CHECKED FUEL NOZZLES PER P&W PT6A-52 MAINT. MANUAL. PERFORMED HOTSECTION BORESCOPE INSP.,
 NO DISTRESS NOTED. PERFORMED COMPRESSOR AND C.T. WASH. SERVICED WITH BP 2380 OIL.

I certify this ENGINE has
 been inspected in accordance with the
 instructions and procedures of a
 current inspection program approved
 under FAR 91.409(e) 3
 Type of Inspection PHASE 1 & 2
 Date 4-4-13 Work Order 6347
 HM. IND. 795.8 Total Time 795.8
 Signed [Signature] for

David D. Holzschuh
 FAA CRS Q2AR598N

355 Pinson Drive
 Corpus Christi, TX 78406
 (361) 289-1884

ADVANTAGE AIRCRAFT SERVICES, INC.
 FAA CRS Q2AR598N
 549 PINSON DRIVE, CORPUS CHRISTI, TX 78406



ENGINE LOG BOOK ENTRY

Engine: LEFT N322DH P&W PT6A-52 S/N PCE-RX0065 Date: 4/4/2014
 Engine Total Time: 982.3 Total Cycles: 1164 Indicated Time: 982.3 HM W/O: 6684

COMPLETED PHASE 3 AND 4 INSPECTIONS IN ACCORDANCE WITH KA 200 MAINT. MANUAL REV. C14 CHAPTER 5-20.
 FUEL NOZZLES NOT FLOW CHECKED AT THIS INSPECTION. INSTALLED NEW OIL FILTER P/N 7579431AM, AND NEW P3 FILTER
 P/N WF336238. C/W 1000 HR INSPECTION OF SCAVANGE PUMP SCREEN, FOUND CLEAN. PERFORMED COMPRESSOR AND C.T.
 WASH. SERVICED WITH BP 2380 OIL.

I certify this ENGINE has
 been inspected in accordance with the
 instructions and procedures of a
 current inspection program approved
 under FAR 91.409(f) 3
 Type of Inspection PHASE 3 & 4
 Date 4-4-14 Work Order 6684
 HM. IND. 982.3 Total Time 982.3
 Signed [Signature] for

David D. Holzschuh
 FAA CRS Q2AR598N

355 Pinson Drive
 Corpus Christi, TX 78406
 (361) 289-1884

ADVANTAGE AIRCRAFT SERVICES, INC.
 FAA CRS Q2AR598N
 549 PINSON DRIVE, CORPUS CHRISTI, TX 78406



ENGINE LOG BOOK ENTRY

Engine: **LEFT** N322DH P&W PT6A-52 S/N PCE-RX0065 Date: **3/30/2011**
Engine Total Time: 399.2 Total Cycles: **417** Indicated Time: **399.2 HM** W/O: **5838**

COMPLETED PHASE 1 AND 2 INSPECTIONS IN ACCORDANCE WITH KA 200 MAINT. MANUAL REV. C7 CHAPTER 5-20.
 CLEANED, FLOW CHECKED FUEL NOZZLES PER P&W PT6A-52 MAINT. MANUAL. PERFORMED HOTSECTION BORESCOPE INSP.,
 NO DISTRESS NOTED. PERFORMED COMPRESSOR AND C.T. WASH. SERVICED WITH BP 2380 OIL.

*SEE 3
P52*

I certify this ENGINE has
 been inspected in accordance with the
 instructions and procedures of a
 current inspection program approved
 under FAR 91.409(f)3

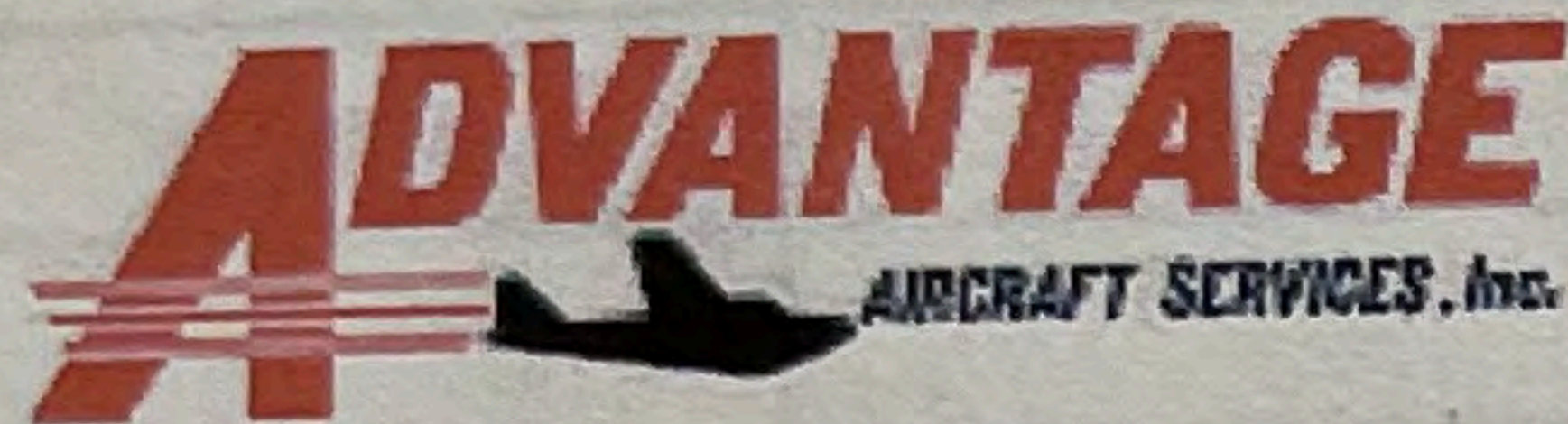
Type of Inspection PHASE 1 & 2
 Date 3-30-11 Work Order 5838
 HM. IND. 399.2 Total Time 399.2
 Signed [Signature] for

355 Pinson Drive
 Corpus Christi, TX 78406
 (361) 289-1884

David D. Holzschuh
 FAA CRS Q2AR598N

ADVANTAGE AIRCRAFT SERVICES, INC.
 FAA CRS Q2AR598N

355 PINSON DRIVE, CORPUS CHRISTI, TX 78406



ENGINE LOG BOOK ENTRY

Engine: **N322DH** LEFT P&W PT6A-52 S/N PCE-RX0065 Date: **5/6/2015**
Engine Total Time: 1187.3 TC: **1419** Indicated Time: **1187.3 HM** W/O: **7001**

COMPLETED PHASE 1 AND 2 INSPECTIONS IN ACCORDANCE WITH B200 MAINT. MANUAL REV D CHAPTER 5-20
 C/W 400 HR FUEL NOZZLE CLEANING / FLOW CHECK. PERFORMED HOT SECTION BORESCOPE INSP., NO DISTRESS NOTED.,
 PERFORMED COMPRESSOR AND C.T. WASH. SERVICED WITH BP 2380 OIL. RESEARCHED AD'S THUR 2015-09 ISSUE. END

I certify this ENGINE has
 been inspected in accordance with the
 instructions and procedures of a
 current inspection program approved
 under FAR 91.409(f)3

Type of Inspection PHASE 1 & 2
 Date 5-6-15 Work Order 7001
 HM. IND. 1187.3 Total Time 1187.3
 Signed [Signature] for

549 Pinson Drive
 Corpus Christi, TX 78406
 (361) 289-1884

David D. Holzschuh
 FAA CRS Q2AR598N

ADVANTAGE AIRCRAFT SERVICES, INC.
 FAA CRS Q2AR598N
 549 PINSON DRIVE, CORPUS CHRISTI, TX 78406



ENGINE LOG BOOK ENTRY

Engine: LEFT N322DH P&W PT6A-52 PCE-RX0065 Date: 4/29/2016
Engine Total Time: 1348.0 Total Cycles: 1626 Indicated Time: 1348.0 HM W/O: 7245

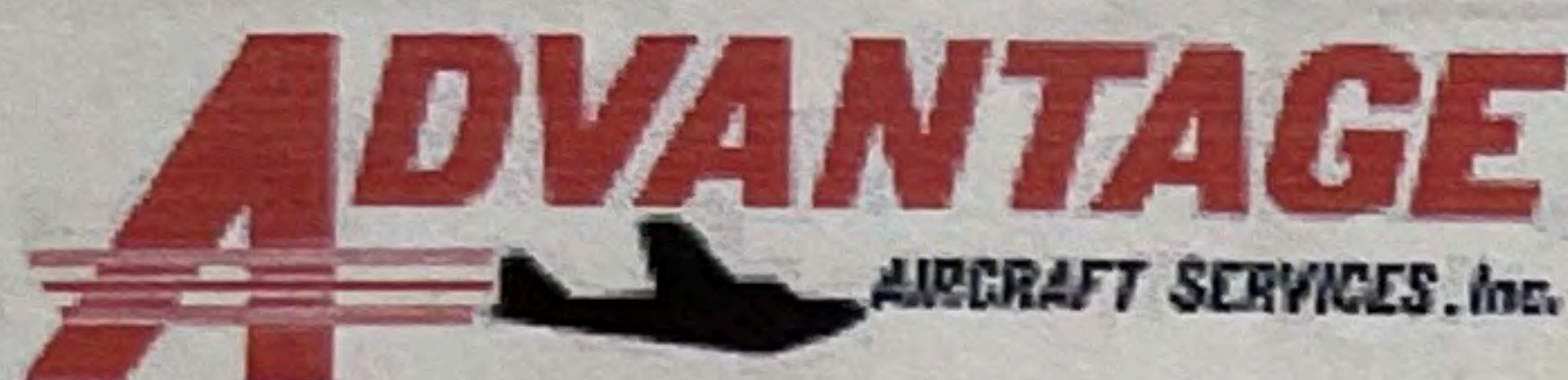
COMPLETED PHASE 3 AND 4 INSPECTIONS IN ACCORDANCE WITH KA 200 MAINT. MANUAL REV D2 CHAPTER 5-20. FUEL NOZZLES NO FLOW CHECKED AT THIS INSPECTION. PERFORMED COMPRESSOR AND C.T. WASH. SERVICED WITH BP 2380 OIL. RESEARCHED AD'S THRU 2016-07 ISSUE. END

I certify this ENGINE has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR 91.409(e) 3
 Type of Inspection Phase 3 & 4
 Date 4-29-16 Work Order 7245
 HM. IND. 1348.0 Total Time 1348.0
 Signed [Signature] for

ADVANTAGE AIRCRAFT SERVICES, INC.
 FAA CRS Q2AR598N
 549 PINSON DRIVE, CORPUS CHRISTI, TX 78406

549 Pinson Drive
 Corpus Christi, TX 78406
 (361) 289-1884

David D. Holzschuh
 FAA CRS Q2AR598N



ENGINE LOG BOOK ENTRY

Engine: LEFT N322DH P&W PT6A-52 S/N PCE-RX0065 Date: 5/16/2017
Engine Total Time: 1528.7 Total Cycles: 1829 Indicated Time: 1528.7 HM W/O: 7449

COMPLETED PHASE 1 AND 2 INSPECTIONS IN ACCORDANCE WITH KA 200 MAINT. MANUAL REV D5 CHAPTER 5-20. CLEANED AND FLOW CHECKED FUEL NOZZLES. PERFORMED HOT SECTION BORESCOPE INSPECTION, NO DISTRESS NOTED. PERFORMED COMPRESSOR AND C.T. WASH. SERVICED WITH 2380 OIL. RESEARCHED AD'S THRU 2017-10 ISSUE. END

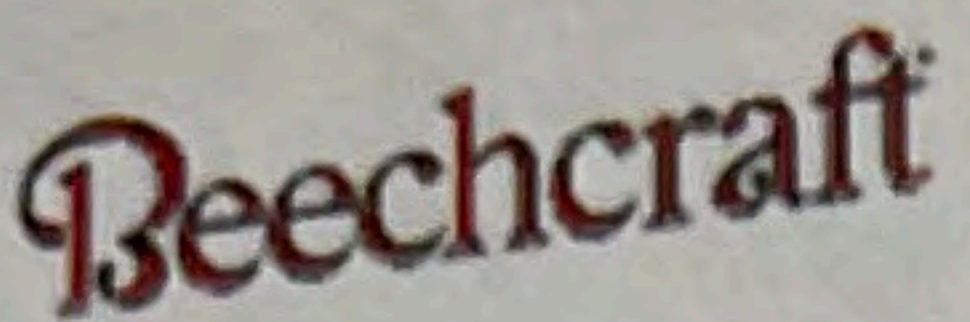

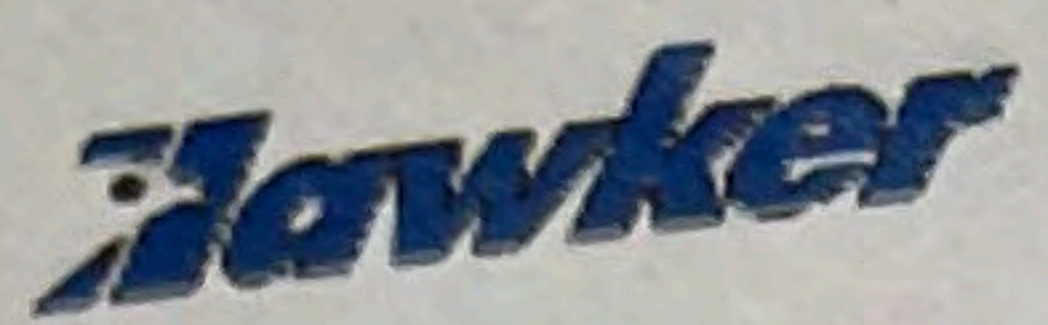
I certify this ENGINE has been inspected in accordance with the instructions and procedures of a current inspection program approved under FAR 91.409(e) 3
 Type of Inspection Phase 1 & 2
 Date 5/16/17 Work Order 7449
 HM. IND. 1528.7 Total Time 1528.7
 Signed [Signature] for

ADVANTAGE AIRCRAFT SERVICES, INC.
 FAA CRS Q2AR598N
 549 PINSON DRIVE, CORPUS CHRISTI, TX 78406

549 Pinson Drive
 Corpus Christi, TX 78406
 (361) 289-1884

David D. Holzschuh
 FAA CRS Q2AR598N

Section 1: Record of engine maintenance and elementary work

   TEXTRON AVIATION	Textron Aviation Service San Antonio 1 Cessna Drive San Antonio, TX 78216 Phone: (800) 731-7317 FAA Certified Repair Station: CNQ5918C Airport Code: KSAT
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WORK ORDER: REVISION - 72974
LEFT ENGINE LOG ENTRY P/N: PT6A-52 S/N: PCE-RX0065

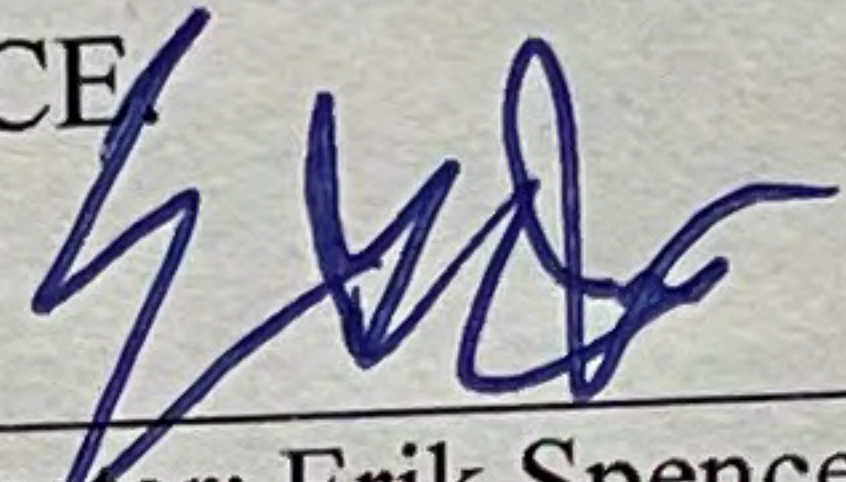
MODEL	A/C S/N	A/C REG	AC TT	AC TCYC	ENG HRS	ENG CYC	DATE
B200	BY-30	N322DH	1679.4	1985	1679.4	1985	5/21/2018

- A. TIME ITEMS COMPLIED WITH:**
- C/W PHASE 3 INSPECTION IN ACCORDANCE WITH KING AIR 200 M.M. CH. 05-20-03-601.
 - C/W PHASE 4 INSPECTION IN ACCORDANCE WITH KING AIR 200 M.M. CH. 02-20-04-601.
 - C/W 100 HR ENGINE COMPRESSOR WASH I.A.W. B200 M.M. CH. 12-20-013.
 - C/W 60 MO FLAMMABLE LIQUID CARRYING HOSES REPLACEMENT I.A.W. B200 M.M. CH. 5-11-00 AND 71-00-00.
- B. MAINTENANCE ACTIONS PERFORMED:**
- ADJUSTED ENGINE LOW IDLE I.A.W. B200 M.M. CH. 76-11-13.

FOR DETAILED DESCRIPTION OF ALL WORK PERFORMED, REFERENCE THE SAN ANTONIO SERVICE CENTER WORK ORDER LISTED IN LOGBOOK ENTRY HEADER ABOVE.

THE AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH REGARD TO THE WORK PERFORMED AND APPROVED FOR RETURN TO SERVICE

Textron Aviation Service - San Antonio
 FAA Certified Repair Station: CNQ5918C


 Inspector: Erik Spencer



ENGINE LOG BOOK ENTRY

Engine: LEFT N322DH P&W PT6A-52 S/N PCE-RX0065 Date: 5/27/2019
Engine Total Time: 1769.2 Total Cycles: 2092 TSHSI: 00 Indicated Time: 1769.2 HM W/O: 7905

COMPLETED PHASE 1 AND 2 INSPECTIONS IN ACCORDANCE WITH KA 200 MAINT. MANUAL REV E0 CHAPTER 5-20.
 PERFORMED HOT SECTION INSPECTION IN ACCORDANCE WITH P&W PT6A-52 MAINT. MANUAL 3072862 REV 18 TABLE 604.
 INNER COMBUSTION LINER S/N A0029TTE, OUTER LINER S/N FTAA006A156, C.T. DISC ASSY S/N A002AECC AND STATOR ASSY
 S/N HLA740B REPAIRED BY P&W ATLANTA W/O 212135. REASSEMBLED WITH NEW SEALS / O RINGS. C.T. TIP CLEARANCE .020"
 PERFORMED COMPRESSOR AND C.T. WASH. SERVICED WITH 2380 OIL. FLIGHT PERFORMANCE CHECKS SATISFACTORY.
 RESEARCHED AD'S THRU 2019-08 ISSUE. END

I certify this ENGINE has
 been inspected in accordance with the
 instructions and procedures of a
 current inspection program approved
 under FAR 91.409(e) 3
 Type of inspection PHASE 1 & 2
 Date 5-27-19 Work Order 7905
 HM. IND. 1769.2 Total Time 1769.2
 Signed [Signature] for

ADVANTAGE AIRCRAFT SERVICES, INC.
FAA CRS Q2AR598N
 549 PINSON DRIVE, CORPUS CHRISTI, TX 78406

David D. Holzschuh
 FAA CRS Q2AR598N

549 Pinson Drive
 Corpus Christi, TX 78406
 (361) 289-1884

8406

AMO
 AMO

Aircraft Identification and Status

A/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Eng. 1 TII Hrs	Eng. 2 TII Hrs	Eng. 1 TII Cycles	Eng. 2 TII Cycles	Prop 1 Hrs	Prop 2 Hrs	Freon Hrs
BY-30	30	N322DH	19-May-20	KSAT	1844.2	2176	1844.2		2176				


Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Task/Item	Transaction No.	Type	Item Name	Position	Part Number/Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR
	1	-	NO. 1 ENGINE CORE MOUNT	OTBD	R20700-11		NA	UN	N	
Comment: REMOVED AND REPLACED LEFT ENGINE OUTBOARD ENGINE ISOLATOR AND MOUNT IAW KING AIR B200GT MAINTENANCE MANUAL CHAPTER 71-20-01-4.										
	2	1	NO.1 ENGINE- IGNITOR	OTBD	CH34055		NA	UN	N	
Comment: REMOVED AND REPLACED LEFT ENGINE OUTBOARD IGNITOR IAW PT6A-52 MAINTENANCE MANUAL CHAPTER 74-20-00.										
710030	3	2	NO.1 ENGIN-BORESCOPE INSPECTION	NO. 1						
Comment: ENGINE EVALUATION/BORESCOPE COMPLIED BY DALLAS AIRMOTIVE. ENGINE EVALUATION/CONDITION REPORT ON FILE UNDER TEXTRON AVIATION REVISION #128735.										

Trans Type: 1-Component, 2-Inspection, 3-SB, 4-AD, -Misc Removal Reasons: WO-Worn to Limits, SC-Scheduled, UN-Unscheduled, CO-Convenience, N-Other(note in comments) Installed Part Status: N-New, R-Repaired/Rebuild, S-Serviceable, O-Overhauled, T-Tested, M-Modified, I-Inspected.

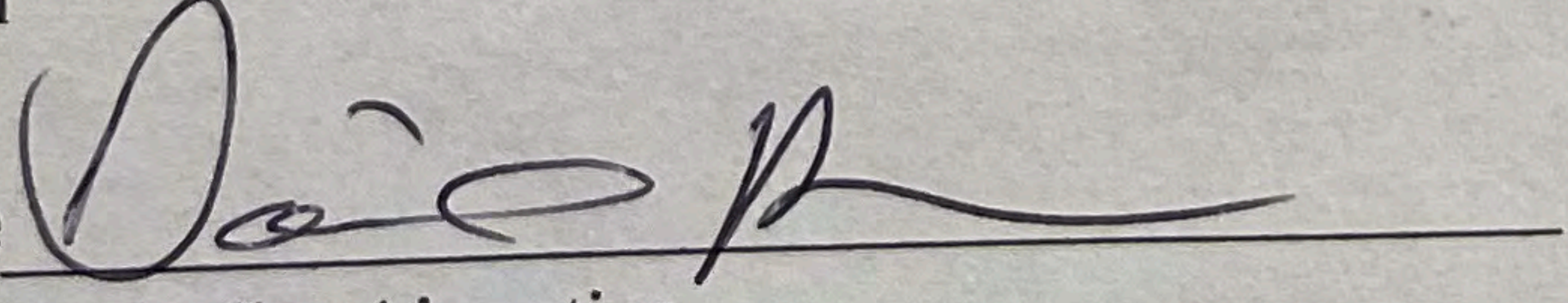
Repair Facility Textron Aviation Service - SAT Certified Repair Station Number CNQ5918C Work Order # 128735
 Work Performed By Textron Aviation Service - SAT Certificate No. CNQ5918C Date 19-May-20
 I certify that the above maintenance & information contained in the listed work order was performed in accordance with the current regulations of the
 Federal Aviation Administration Other (specify) _____
 I CERTIFY THAT THE ABOVE MAINTENANCE & INFORMATION CONTAINED IN THE LISTED WORK ORDER WAS PERFORMED IN ACCORDANCE WITH THE CURRENT FAA REGULATIONS & THE AIRCRAFT /COMPONENT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY & APPROVED FOR RETURN TO SERVICE.
 Work Inspected By Alejandro Salinas Certificate No. CNQ5918C Date 19-May-20
 Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.

Maintenance Log	
Section	Page
6	1

	Engine Log Book Entry 2988 West Walnut Hill Lane DFW Airport, TX 75261		Work Order Number: FLD08991	Date: 03/31/20	
	Aircraft Type: B-200	Aircraft Registration Number: N322DH	Aircraft Serial Number: BY-30	Aircraft Total Time: 1844	
	Engine S/N: PCE-RX0065	Engine Model: PT6A-52	Engine Position: Left	Aircraft Total Landings: 2176	
	Engine Time Since New (TSN): 1844	Engine Cycles Since New (CSN): 2176	Time Since Overhaul (TSO): N/A	Cycles Since Overhaul (CSO): N/A	

Work Performed: Complied with Boroscope Inspection in accordance with Pratt & Whitney Maintenance Manual Chapter 72-00-00 Rev 20 Dated 10/28/19. Operational leak check required.

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 
 Daniel Reeves for Dallas Airmotive
 FAA CRS # YRRR491L

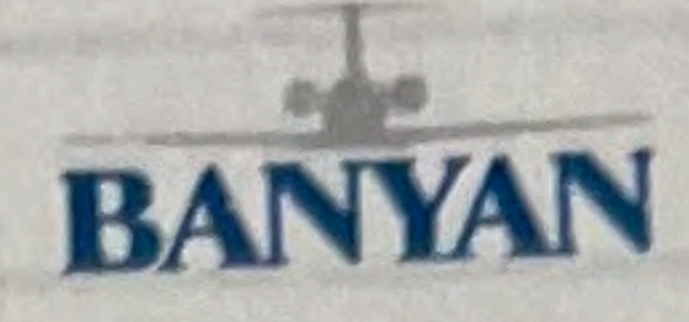
Given the nature of borescope instrumentation it is often not possible to make observations and examine all areas of an individual engine as part of an evaluation. Based on this limitation, Dallas Airmotive, Inc. cannot and does not warrant its findings for borescope evaluations (pre-purchase and otherwise) 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

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
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Left Engine Logbook Entry
N322DH
 Date: September 02, 2020
 1. Removed and Replaced 2 Inboard/Outboard New Ignition Plug with P/N 10-390667-4
 2. Return Aircraft to Service.
 RamAir Aircraft Maintenance
 Model: Hawker Beechcraft Corp-B200GT
 Work Order #873
 Serial No.: BY-30
 Hobbs: 1948.9
 Daniel Ram A&P 111689132 *[Signature]*

Make: Pratt & Whitney Canada	Reg. No.: N322DH
Model: PT6A-52	Date: November 4, 2020
Serial No.: PCE-RX0065	W/O No.: 45955
TSN: 2043.2 CSN: 2325	Page: 1 of 1 Hobbs: 2045.5



LEFT ENGINE MAINTENANCE ENTRY

Description of Work Accomplished.

Inspections:
 *Complied with **Phase 1 Inspection** IAW Super King Air Model 200 Series.
 *Complied with **Periodic Routine and Minor** Inspections IAW Pratt & Whitney Canada Manual Part No. 3072862.

Parts:
 *Replaced **Oil Filter Element** with new P/N 7579431AM, NSN.

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature: *[Signature]* Daniel S. Marinalli, Inspector

5360 NW 20th Terrace Fort Lauderdale, Florida 33309
 FAA Certified Repair Station W14561831
 Phone 954 491 3170 Fax 954 491 1612

wo: T21-0003 Engine L - page 1 of 1

FORCE AVIATION

Force Aviation · 5555 Apollo Drive · Dallas, Texas 75237 · 2143377000

N322DH ETSN: 2131.0	PRATT&WHITNEY, PT6A-52, S/N: PC-E RX0065 TACH: 2131.0	February 9, 2021 SINCE NEW: 2131.0
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- Perform Phase 1-4 inspection** – I certify that this left engine has been inspected in accordance with a Phase 1 inspection and was found to be in airworthy condition. Chase Riordan.
- Perform L/H Engine borescope inspection** – L/H Engine (S/N: PCE-RX0065) borescope inspection completed by Turbine Source International on WO# 3077 completed on 15Jan2021. John Szemett A&P 4264091 27Jan2021

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Force Aviation under work order: T21-0003.

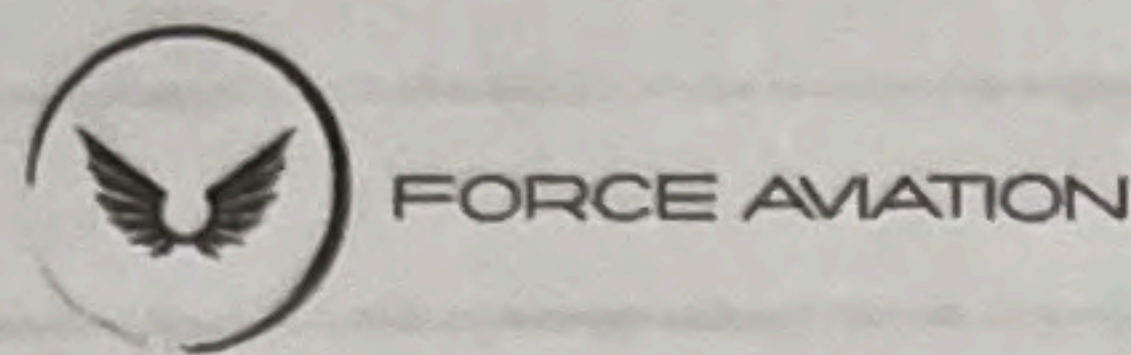
Martin Orcik A&P/IA 3677683 *[Signature]*

Signature

AME
ACA/AMO
SCA/AMO

wo: T21-0008

Engine L - page 1 of 1



Force Aviation · 5555 Apollo Drive · Dallas, Texas 75237 · 2143377000

N322DH
TACH: 2131.0

PRATT&WHITNEY, PT6A-52, S/N: PC-E RX0065
SINCE NEW: 2131.0

February 9, 2021

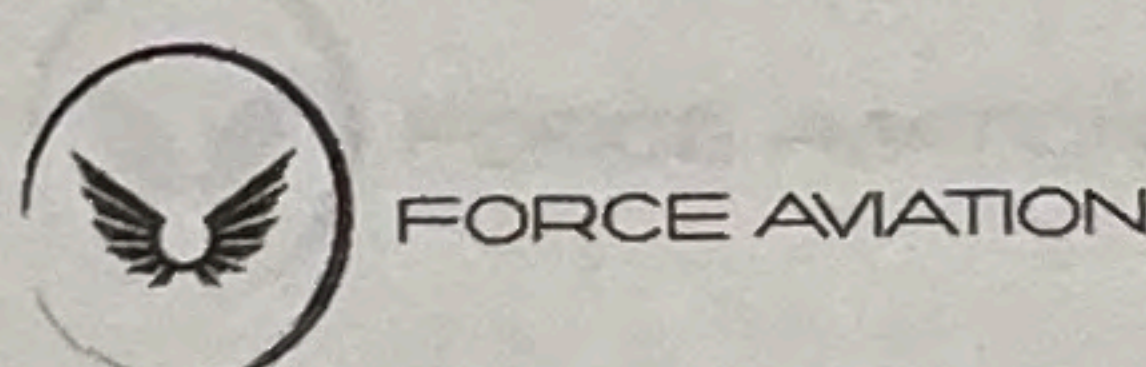
- ENGINE #1 FUEL NOZZLE INSPECTION** – Complied with fuel nozzle inspection IAW Pratt & Whitney PT6A-52 MM 73-10-05. No defects noted. Nozzles Pressure checked and functionally tested by Prime Turbines CRS# KKOR693Y 2/5/21 on W/O C1635 06FEB21 Travis Jantz A&P 3624342.
- ENGINE #1. REPLACE P3 AIR FILTER** – Replaced L/H engine P3 filter P/N WF336238 with new O-Rings AS3209-014, M83248/1-015 and M83248/1-126 IAW Pratt & Whitney Canada PT6A-52 AMM 73-10-07. John Szemett A&P 4264091 1Feb2021
- AGB SCAVENGE OIL PUMP INLET SCREEN INSPECT** – Inspected #1 engine AGB internal scavenge pump inlet screen IAW Pratt & Whitney Canada PT6A-52 AMM 72-60-00. No defects noted. John Szemett A&P 4264091 1Feb2021

With respect to the work performed, this engine I is approved for return to service. Details of work performed are on file with Force Aviation under work order: T21-0008.

Martin Orcik A&P/IA 3677683

wo: T21-0010

Engine L - page 1 of 1



Force Aviation · 5555 Apollo Drive · Dallas, Texas 75237 · 2143377000

N322DH
TACH: 2153.5

PRATT&WHITNEY, PT6A-52, S/N: PC-E RX0065
SINCE NEW: 2153.5


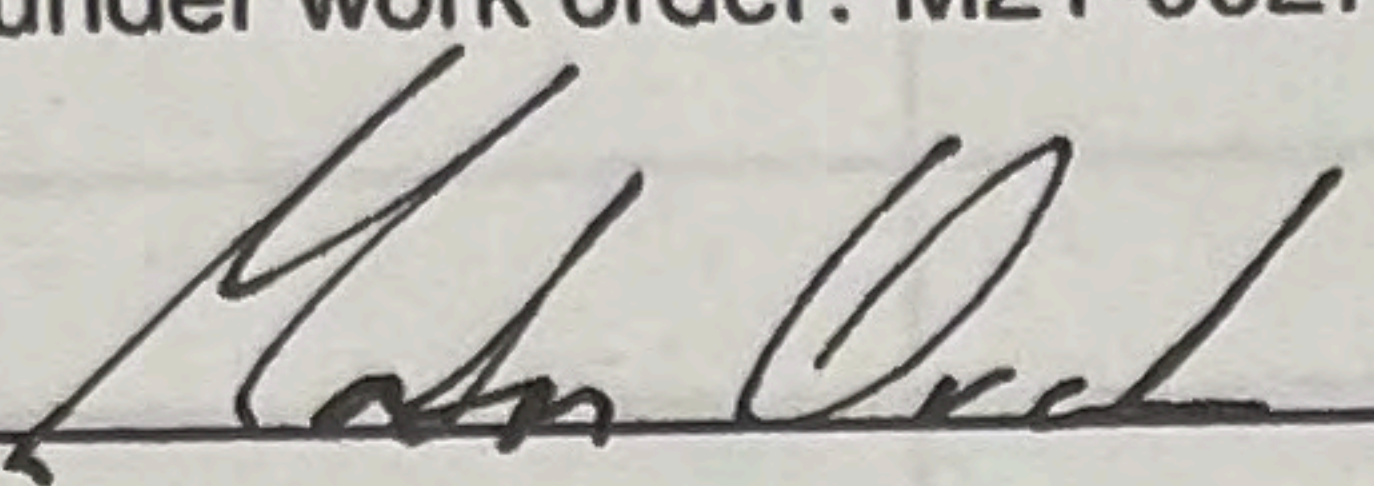
March 26, 2021


- L/H Engine ITT high** – Performed Engine ground check procedures IAW Beechcraft King Air 200GT AMM 76-10-07. Inspected fuel nozzles for the correct position IAW Pratt & Whitney PT6A-52 MM 73-10-05. No defects noted. Eric Davenport 3845900A&P 3/28/21
- L/H Engine compressor wash** – Performed engine compressor wash and rinse in accordance with Pratt & Whitney maintenance manual 71-00-00.

With respect to the work performed, this engine I is approved for return to service. Details of work performed are on file with Force Aviation under work order: T21-0010.

Martin Orcik A&P/IA 3677683

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
wo: T21-0020 Engine L - page 1 of 1  FORCE AVIATION Force Aviation · 5555 Apollo Drive · Dallas, Texas 75237 · 2143377000				
N322DH TACH: 2171.3		PRATT&WHITNEY, PT6A-52, S/N: PC-E RX0065 SINCE NEW: 2171.3		April 26, 2021
1. Engine removal – Removed L/H engine Model: PT6A-52, S/N: PCE-RX0065 from aircraft N322DH S/N: BY-30 due to Hot section damage. All work was completed in accordance with P&W PT6A-52 EMM 72-00-00 and Beechcraft Super King Air B200GT/B200CGT Fusion Maintenance Manual (Rev B1)71-00-01. - Chase Riordan 4/26/2021 A&P4002980				
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Force Aviation under work order: M21-0027.				
Martin Orcik A&P/IA 3677683 				

 StandardAero		Vector Atlantic (dba StandardAero) P.O. Box 150, Summerside, PEI Canada C1N 4P6			AMO No. 3-92 P (902) 436-1333 F (902) 888-2999		
Manufacturer PRATT & WHITNEY CANADA		Module Description ENGINE ASSEMBLY		Model/Build Spec. PT6A-52 / 1228		Serial Number PCE - RX0065	
TSN 2171.3	TSO -	TSR 0.0	TSHSI 402.1	CSN 2412	CSO -	CSR 0	CSHSI 320
CT Vane 6.51	PT Vane N/D	NG 35400		T5 1710		SFC 0.597	

Remarks:

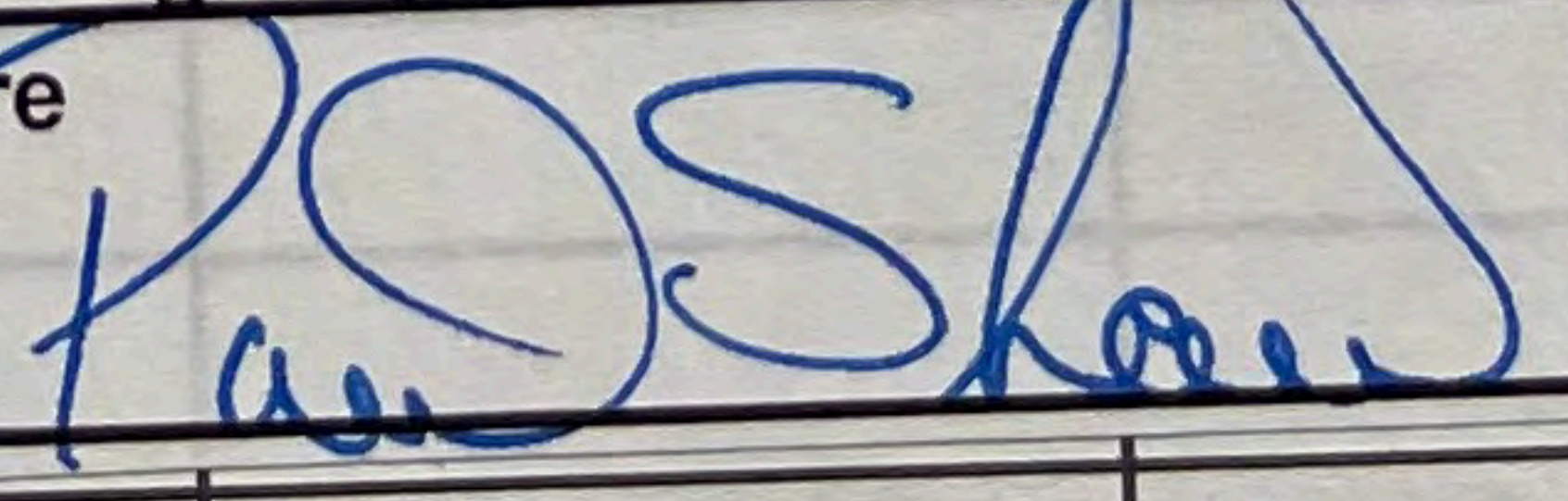

ENGINE INSPECTED AND REPAIRED FOR A TIME CONTINUED REPAIR AFTER CUSTOMER REPORTED HEAVY RUBBING DAMAGA ON COMPRESSOR TURBINE BLADES. THE ENGINES HOT SECTION WAS DISASSEMBLED FOR INSPECTION AND REPAIR. ALL WORK CARRIED OUT I.A.W. PRATT & WHITNEY MANUAL P/N 3072863 REV# 15.0 (2020-05-18). TEST CELL RUN I.A.W. MANUFACTURER'S REQUIREMENTS.

NOTE:

- QTY 59 COMPRESSOR TURBINE BLADES 3121111-01 WAS REPLACED WITH QTY 59 NEW 3121111-01
- QTY 14 NEW 3043003CL12 SHROUD SEGMENTS INSTALLED.
- COMBUSTION LINER 3070268-01 S/N FTAA006A156 REPLACED WITH OVERHAUL S/N FTA268A0562.
- OIL FILTER 3028419 WAS CLEANED AND RE-INSTALLED.
- FUEL SYSTEM PRESERVATION CARRIED OUT. DEPRESERVATION REQUIRED PRIOR TO SERVICE.

Logbook attachments include: Authorized Release Certificate, Performance Statement, Serialized Accessories Record, Life Limited Parts record and Parts Usage List.

This product has been Repaired in accordance with the manufacturer's requirements and current Canadian Aviation Regulations. Pertinent details of the work performed are on file at this agency under work order **41-17139**

Authorized Inspector Paul Shaw	Signature 	Stamp 	Date June 25, 2021
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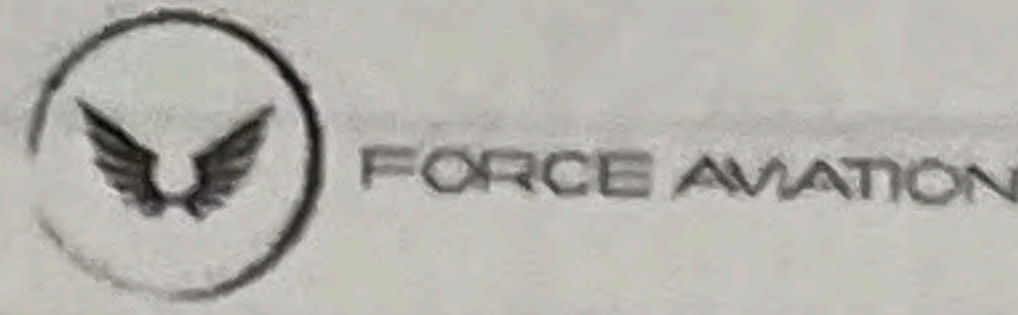
Q-Form 064 (2008-11-18)

Signature

AME
ACA/AMO
SCA/AMO

wo: T21-0036

Engine L - page 1 of 1



Force Aviation · 5555 Apollo Drive · Dallas, Texas 75237 · 2143377000

N987MH
ETSN: 2171.3

PRATT&WHITNEY, PT6A-52, S/N: PC-E RX0065
SINCE NEW: 2171.3

July 26, 2021

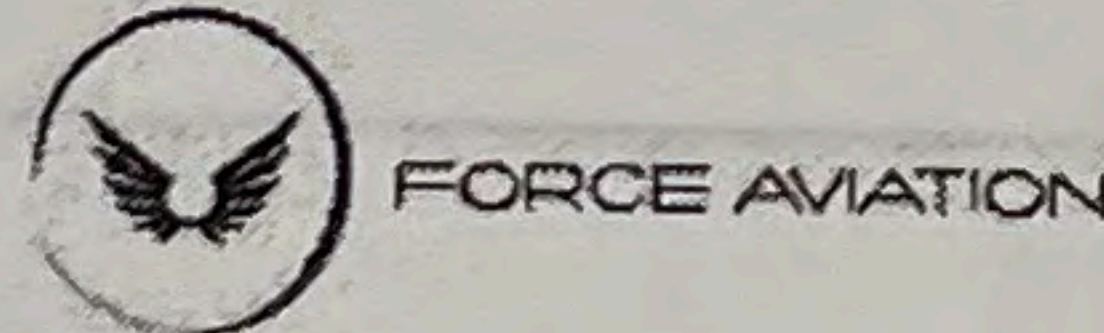
- 1. Troubleshoot L/H engine ITT is high.** – Performed Engine ground check procedures IAW Beechcraft King Air 200GT AMM 76-10-07, inspection of the fuel system found two nozzle assemblies in the incorrect position. Swapped Nozzles to the correct position IAW Pratt & Whitney PT6A-52 MM 73-10-05. L/H engine still has high ITT suggest compressor wash. Eric Davenport 3845900A&P 3/28/21. Check resistance on ITT probe. Checked P3 lines for obstructions none found. Checked Trim probe for proper resistance and consistency checked good. Performed ground performance runs with the bleed air on the L/H engine capped and in normal configuration and collected data IAW P&W PT6A-52 EMM 77-01-01. No noticeable change between the two runs. Sent data to Pratt and Whitney. Eric Davenport 3845900A&P 4/9/21. Removed power turbine section at flange number 3 on #1 engine, P/N PT6A-52 S/N PCERX00065 for inspection in accordance with Pratt and Whitney PT6A-52 maintenance manual chapter 72-50. 14APR2021 Chase Riordan A&P/IA 4002980.
- 2. Remove and reinstall L/H engine after repair.** – Removed L/H engine Model: PT6A-52, S/N: PCE-RX0065 from aircraft N322DH S/N: BY-30 due to Hot section damage. All work was completed in accordance with P&W PT6A-52 EMM 72-00-00 and Beechcraft Super King Air B200GT/B200CGT Fusion Maintenance Manual (Rev B1)71-00-01. - Chase Riordan 4/26/2021 A&P I/A 4002980 Re-installed repaired L/H engine Model: PT6A-52, S/N: PCE-RX0065 in accordance with Beechcraft B200GT maintenance manual chapter 71-00-01. Operational and leak checks good. 26JUL2021 Chase Riordan IA 4002980.
- 3. Rig LH engine after install.** – Rigged L/H engine and performed post engine install performance runs in accordance with PT6A-52 maintenance manual chapter 71-00. Operational checks good. 26JUL2021 Chase Riordan IA 4002980.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Force Aviation under work order: T21-0036.

Robert McCarthy A&P/IA 3772660

wo: M22-0022

Engine L - page 1 of 1



Force Aviation · 5555 Apollo Drive · Dallas, Texas 75237 · 2143377000

N987MH
ATT: 2316.0

PRATT&WHITNEY, PT6A-52, S/N: PC-E RX0065
SINCE NEW: 2316.0

March 09, 2022

- 1. Comply with a ROUTINE MINOR Inspection - left engine - Pratt & Whitney Canada Manual P/N 3072862** – Complied with L/H engine inspection IAW B200 Series AMM Ch. 5-20-01 and Ch. 5-20-02.

With respect to the work performed, this engine I is approved for return to service. Details of work performed are on file with Force Aviation under work order: M22-0022.

Patrick McTurner A&P IA 3328077



Transport
Canada

Transports
Canada

TP 14182
(Revised 05/2005)

Engine Logbook
POWER SECTION
MODULE LOG BOOK

TC1001185



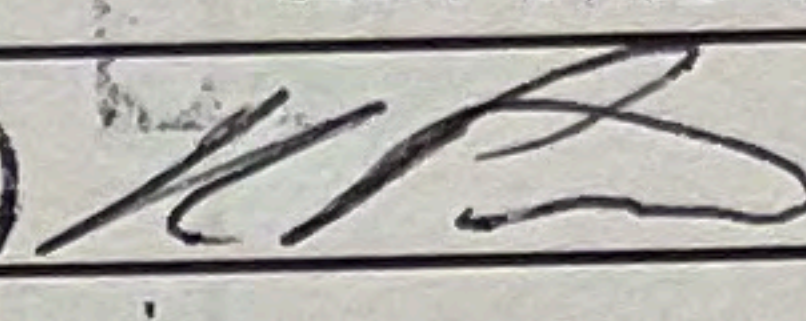
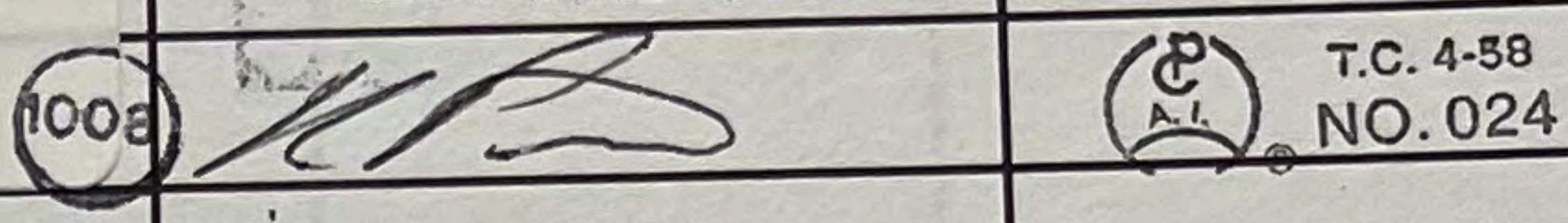
05/2005

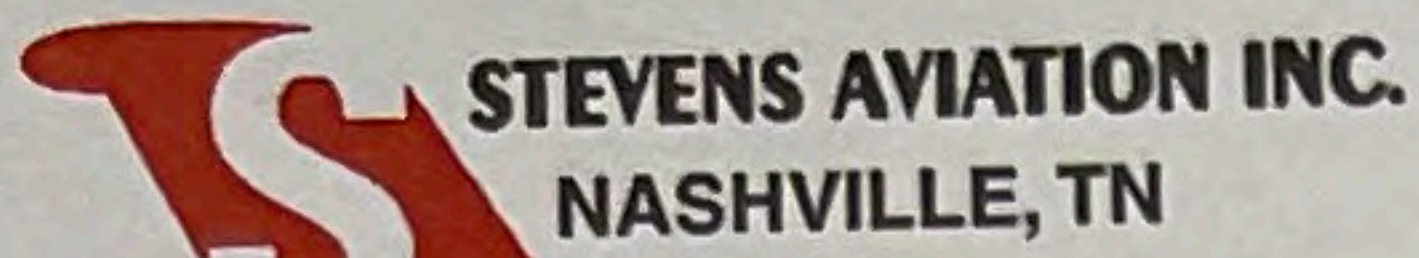
Canada

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	Signature	AME ACA/AMO SCA/AMO
This Power Section module is combined with Gas		
Generator.		
S/N: PCE- <u>RX 0065</u>		
NG/NO <u>34950</u> RPM, at <u>850</u> SHP / δV		
ITT Trim: <u>16.9</u> C°		
T5 Trim resistance: <u>60.3</u> Ohms		
	K. PIVIDOR 	



STEVENS AVIATION INC.
NASHVILLE, TN
February 26, 2010
Left Engine S/N PCE-RX0065

N94CK
S/N BY-30
TSN 204.9

ACTT 204.9
HM 204.9
CSN 187

I certify this **Engine** has been inspected in accordance with FAR 91.409(F) 3 and a **HB Phase 3 & 4** Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number 1798.

SIGNED *Ch. Zylch*
For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Obtained Skywatch Oil Samples. Cleaned and inspected fuel & oil screens and filters. Complied with P&W minor inspection per H/B maintenance manual inspection guide in chapter 5, phase 3 and 4. Checked igniters & chip detector. Checked 1st stage compressor for FO damage. Checked starter/generator brush wear. Lubricated engine and propeller controls. Completed performance recovery compressor wash & CT rinse. Ground run leak check serviceable.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 1798.

Signed *Ch. Zylch*
For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K

SA-0505

 TEXTRON AVIATION	Textron Aviation Service San Antonio 1 Cessna Drive San Antonio, TX 78216 Phone: (800) 731-7317 FAA Certified Repair Station: CNQ5918C Airport Code: KSAT
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WORK ORDER: REVISION - 72974
LEFT ENGINE LOG ENTRY P/N: PT6A-52 S/N: PCE-RX0065

MODEL	A/C S/N	A/C REG	AC TT	AC TCYC	ENG HRS	ENG CYC	DATE
B200	BY-30	N322DH	1679.4	1985	1679.4	1985	5/21/2018

A. TIME ITEMS COMPLIED WITH:

1. C/W PHASE 3 INSPECTION IN ACCORDANCE WITH KING AIR 200 M.M. CH. 05-20-03-601.
2. C/W PHASE 4 INSPECTION IN ACCORDANCE WITH KING AIR 200 M.M. CH. 02-20-04-601.
3. C/W 100 HR ENGINE COMPRESSOR WASH I.A.W. B200 M.M. CH. 12-20-013.
4. C/W 60 MO FLAMMABLE LIQUID CARRYING HOSES REPLACEMENT I.A.W. B200 M.M. CH. 5-11-00 AND 71-00-00.

B. MAINTENANCE ACTIONS PERFORMED:

1. ADJUSTED ENGINE LOW IDLE I.A.W. B200 M.M. CH. 76-11-13.


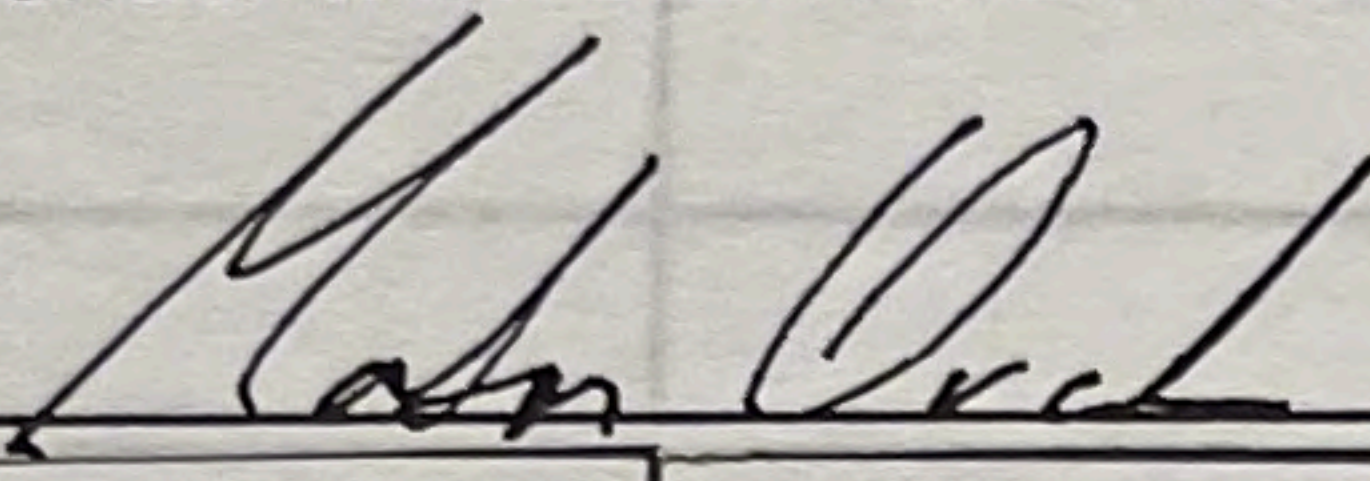
FOR DETAILED DESCRIPTION OF ALL WORK PERFORMED, REFERENCE THE SAN ANTONIO SERVICE CENTER WORK ORDER LISTED IN LOGBOOK ENTRY HEADER ABOVE.


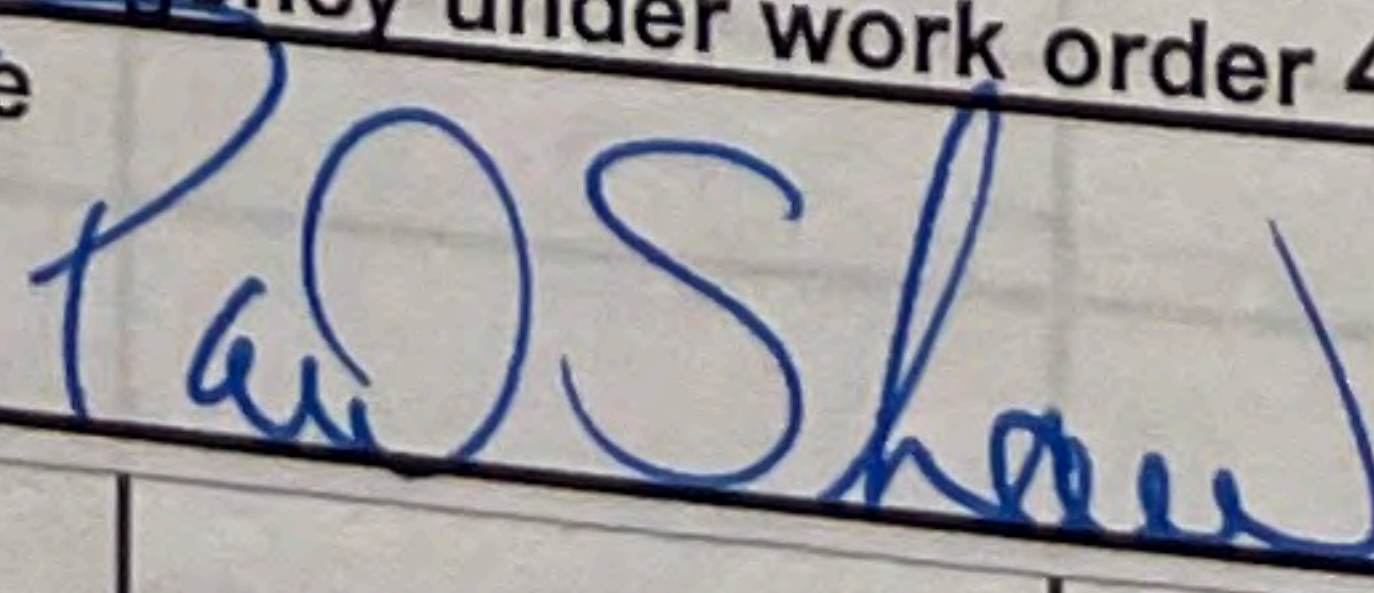
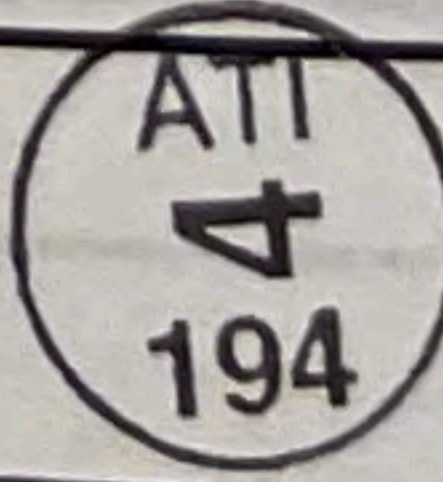
THE AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH REGARD TO THE WORK PERFORMED AND APPROVED FOR RETURN TO SERVICE.

Textron Aviation Service – San Antonio
FAA Certified Repair Station: CNQ5918C

Erik Spencer
Inspector: Erik Spencer

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
wo: T21-0020 Engine L - page 1 of 1  FORCE AVIATION Force Aviation · 5555 Apollo Drive · Dallas, Texas 75237 · 2143377000				
N322DH ATC: 2412.0		PRATT&WHITNEY, PT6A-52, S/N: PC-E RX0065 ATT: 2171.3 ECSN: 2412.0		April 26, 2021 ETSN: 2171.3
1. Engine removal – Removed L/H engine Model: PT6A-52, S/N: PCE-RX0065 from aircraft N322DH S/N: BY-30 due to Hot section damage. All work was completed in accordance with P&W PT6A-52 EMM 72-00-00 and Beechcraft Super King Air B200GT/B200CGT Fusion Maintenance Manual (Rev B1)71-00-01. - Chase Riordan 4/26/2021 A&P4002980				
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Force Aviation under work order: M21-0027.				
Martin Orcik A&P/IA 3677683 				

		Vector Atlantic (dba StandardAero) P.O. Box 150, Summerside, PEI Canada C1N 4P6				AMO No. 3-92 P (902) 436-1333 F (902) 888-2999	
Manufacturer PRATT & WHITNEY CANADA		Module Description ENGINE ASSEMBLY		Model/Build Spec. PT6A-52 / 1228		Serial Number PCE - RX0065	
TSN	TSO	TSR	TSHSI	CSN	CSO	CSR	CSHSI
2171.3	-	0.0	402.1	2412	-	0	320
CT Vane 6.51	PT Vane N/D	NG 35400		T5 1710		SFC 0.597	
Remarks: ENGINE INSPECTED AND REPAIRED FOR A TIME CONTINUED REPAIR AFTER CUSTOMER REPORTED HEAVY RUBBING DAMAGA ON COMPRESSOR TURBINE BLADES. THE ENGINES HOT SECTION WAS DISASSEMBLED FOR INSPECTION AND REPAIR. ALL WORK CARRIED OUT I.A.W. PRATT & WHITNEY MANUAL P/N 3072863 REV# 15.0 (2020-05-18). TEST CELL RUN I.A.W. MANUFACTURER'S REQUIREMENTS. NOTE: - QTY 59 COMPRESSOR TURBINE BLADES 3121111-01 WAS REPLACED WITH QTY 59 NEW 3121111-01 - QTY 14 NEW 3043003CL12 SHROUD SEGMENTS INSTALLED. - COMBUSTION LINER 3070268-01 S/N FTAA006A156 REPLACED WITH OVERHAUL S/N FTA268A0562. - OIL FILTER 3028419 WAS CLEANED AND RE-INSTALLED. - FUEL SYSTEM PRESERVATION CARRIED OUT. DEPRESERVATION REQUIRED PRIOR TO SERVICE. Logbook attachments include: Authorized Release Certificate, Performance Statement, Serialized Accessories Record, Life Limited Parts record and Parts Usage List. This product has been Repaired in accordance with the manufacturer's requirements and current Canadian Aviation Regulations. Pertinent details of the work performed are on file at this agency under work order 41-17139							
Authorized Inspector Paul Shaw				Signature 		Stamp 	
Q-Form 064 (2008-11-18)				Date June 25, 2021			