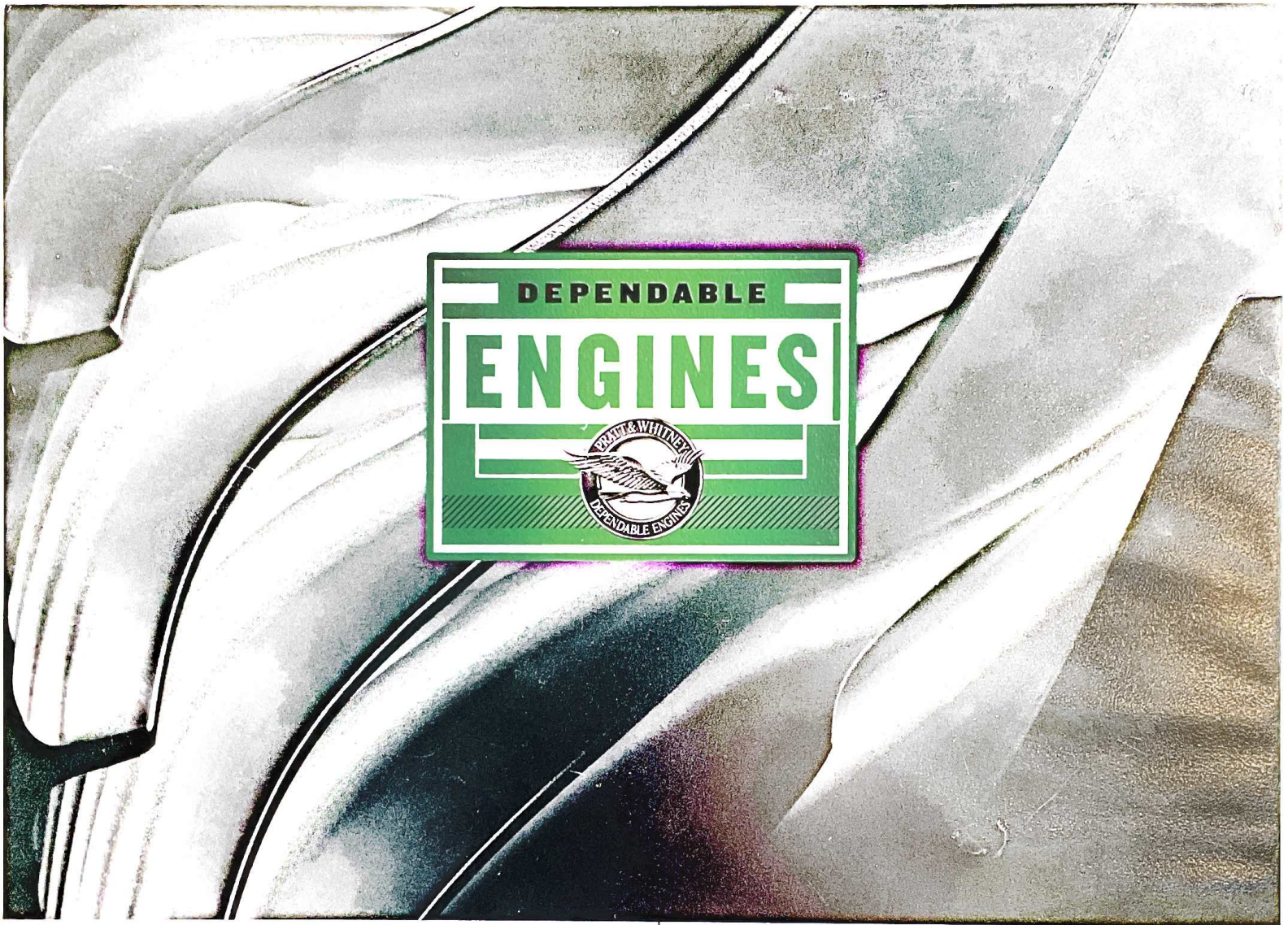

ENGINE

T[illegible]G

Pratt & Whitney Canada

N875J KA B200GT

S/N B158

RIGHT ENG LOG

R

08 2301

PCE- RX0448

WWW.PWC.CA

PRATT & WHITNEY CANADA CORP. P68 PROGRAM 4.4.27

PT6A-52 S/N:PCE-RX0448 FINAL ACCEPTANCE TEST RECORD

2012 SEP 06 TEST CELL : 3202 BUILD SPEC.: 1228

ENGINE TESTED AND ACCEPTED IN ACCORDANCE WITH E&TI : 754

FINAL VANE FLOW AREAS FIRST STAGE : 29501 9S1 6.55

SECOND STAGE : 29501 7S1 21.01

PERFORMANCE DATA

		PERF. SPEC	ACCEPTANC ACTUAL
PROP SPEED		2000.	2000.
S.L.S. STD.DAY POWER		950.	950.
I.T.T. (T5A TRIMMED)	DEG R	1718.	1714.
T5D (DERIVED)	DEG R	1800.	1760.
GAS GEN. SPEED	RPM	36000	35700.
SFC @ 18400 BTU/LB	LB/SHP.HR	0.603	0.586
ENGINE TORQUE	PSI		74.
PRESSURE RATIO @ 35500	RPM	8.70	8.25

FUEL TYPE : CPW 204

TEST LHV : 18537. BTU/LB

S.G. :0.815 @ 72. DEG F

OIL TYPE : PWA 521 TYPE II

OIL CONSUMPTION : 0.0 LB/HR

T.O. OIL PRESSURE : 121.4 PSI

OIL TEMPERATURE : 153.5 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 37.6 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 20.9 DEG C

I.T.T. TRIM CLASS : 16

TRIM RESISTANCE : 61.2 OHMS

COLD HARNESS RESISTANCE : 1.50 OHMS

HANDLING AND CONTROL SETTINGS

TRIMMED MAX NG : N/A RPM

UNTRIMMED MAX NG : 39000 RPM

DATA PLATE SPEED : 35150. RPM

IDLE SPEED : 23316 RPM

ACCEL. TIME F.I. TO MAX @ T1 : 3.14 SECS @ 64.7 DEGF

ENGINE DRY WEIGHT : 440.5 LBS.

PRODUCTION SIGNATURE : N. VOLLO 7 0AC1 9

INSPECTION SIGNATURE : D. BRISCOE 5 0AC9 7

GOVERNMENT INSPECTOR : _____

THE UNDERSIGNED CERTIFIES THAT THIS RECORD ACCURATELY SETS FORTH THE EVENTS DURING THE TEST MADE ON THE ENGINE THEREIN IDENTIFIED.

DATE 07 SEP 2012

FOREMAN,ASSY.&TEST INSP : M. VANMAANEN T.C. 4-58 NO. 039

PRATT & WHITNEY CANADA CORP. P68 PROGRAM 4.4.27

PT6A-52 S/N:PCE-RX0448 FINAL ACCEPTANCE TEST RECORD

2012 SEP 06 TEST CELL : 3202 BUILD SPEC.: 1228

ENGINE TESTED AND ACCEPTED IN ACCORDANCE WITH E&TI : 754

FINAL VANE FLOW AREAS FIRST STAGE : 29501 9S1 6.55

SECOND STAGE : 29501 7S1 21.01

PERFORMANCE DATA

		PERF. ACCEPTANC SPEC	ACTUAL
PROP SPEED		2000.	2000.
S.L.S. STD.DAY POWER		950.	950.
I.T.T. (T5A TRIMMED)	DEG R	1718.	1714.
T5D (DERIVED)	DEG R	1800.	1760.
GAS GEN. SPEED	RPM	36000	35700.
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ENGINE TORQUE	PSI		74.
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FUEL TYPE : CPW 204

TEST LHV : 18537. BTU/LB

S.G. :0.815 @ 72. DEG F

OIL TYPE : PWA 521 TYPE II

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T.O. OIL PRESSURE : 121.4 PSI

OIL TEMPERATURE : 153.5 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 37.6 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 20.9 DEG C

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ACCEL. TIME F.I. TO MAX @ T1 : 3.14 SECS @ 64.7 DEGF

ENGINE DRY WEIGHT : 440.5 LBS.

PRODUCTION SIGNATURE : N. VOLLO 7 0AC1 9

INSPECTION SIGNATURE : D. BRISCOE 5 0AC9 7

GOVERNMENT INSPECTOR :

THE UNDERSIGNED CERTIFIES THAT THIS RECORD ACCURATELY SETS FORTH THE EVENTS DURING THE TEST MADE ON THE ENGINE THEREIN IDENTIFIED.

DATE 07 SEP 2012

FOREMAN,ASSY.&TEST INSP : M. VANMAANEN T.C. 4-58 NO. 039

Historique du matériel à durée de vie limitée
Life Limited Material History Record

Pratt & Whitney Canada
Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JR3-6834-E (6834) (2009-10)

Désignation du matériel / Material Name		Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)	
DISC-TURBINE, POWER		LAKKR	2012.09.06	
N° du matériel / Material No.	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial No.	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New
3029312	A00377CK	5259	0	0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE-RX0448	PT6A-52							

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée
Life Limited Material History Record

Pratt & Whitney Canada
Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JR3-6834-E [6834] (2009-10)

Désignation du matériel / Material Name		Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)
DISC-TURBINE, POWER		LADNS	2012.09.06
N° du matériel / Material No.	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial No.	Temps depuis neuf / Time Since New / Cycles depuis neuf / Cycles Since New
3029313	YUAA011A245	6059	0 / 0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE-RX0448	PT6A-52							

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée
Life Limited Material History Record

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JR3-6834-E [6834] (2009-10)

Pratt & Whitney Canada
Une société de United Technologies /A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

Désignation du matériel / Material Name		Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)
DISC-COMPRESSOR ROTOR		EPMWH	2012.09.06
N° du matériel / Material No.	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial No.	Temps depuis neuf / Time Since New: 0 — Cycles depuis neuf / Cycles Since New: 0
3034312	A0036L9M		

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de fonctionnement depuis l'installation du matériel / Engine/Module TSN When Material Installed	N° de série du moteur / module / Engine / Module Serial No.	Modèle / Model	Temps de fonctionnement depuis l'enlèvement du matériel / Eng / Module TSN When Material Removed	Cumul. de cette installation / Accumulated This Installation		Cumul. jusqu'à présent / Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) / Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE-RX0448	PT6A-52							

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JR3-6834-E [6834] (2009-10)

Désignation du matériel / Material Name		Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)
DISC-COMPRESSOR ROTOR		EPMWH	2012.09.06
N° du matériel / Material No.	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial No.	Temps depuis neuf / Time Since New: 0 — Cycles depuis neuf / Cycles Since New: 0
3034313	A0037193		

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE-RX0448	PT6A-52							

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Life Limited Material History Record

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JR3-6834-E [6834] (2009-10)

Pratt & Whitney Canada
Une société de United Technologies /A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

Désignation du matériel / Material Name		Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)
IMPELLER-CENTRIFUGAL		ZAECR	2012.09.06
N° du matériel / Material No.	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial No.	Temps depuis neuf / Time Since New
3036793	EAAC000T499	094	0

Cycles depuis neuf / Cycles Since New: 0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE-RX0448	PT6A-52							

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée
Life Limited Material History Record

Pratt & Whitney Canada
Une société de United Technologies /A United Technologies Company

Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JR3-6834-E [6834] (2009-10)

Désignation du matériel / Material Name	Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)
DISC-TURBINE, COMPRESSOR	EPNAH	2012.09.06

N° du matériel / Material No.	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial No.	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New
3040311	YUAA012A362	111	0	0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE-RX0448	PT6A-52							

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Historique du matériel à durée de vie limitée
Life Limited Material History Record

Pratt & Whitney Canada
Une société de United Technologies /A United Technologies Company

1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

P&WC JR3-6834-E [6834] (2009-10)

Désignation du matériel / Material Name		Code de traitement thermique / Heat Code	Émis le (A-M-J) / Issue Date (Y-M-D)
ROTOR COMPRESSOR REAR		KAXFB	2012.09.06

N° du matériel / Material No.	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial No.	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New
3041271	EAAC000W302	21	0	0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE-RX0448	PT6A-52							

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

Transport Canada Transports Canada

TP 14182
(Revised 05/2005)

R

Page 4

Engine Logbook

GAS GENERATOR MODULE LOG BOOK

Right

Canada

1185

5

Volume #: 1

Opened on: 07 SEP 2012

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-** RX0448

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
07 SEP 2012	0.0	0.0	0	**New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.**
11-2-12	0	0	0	This engine has been installed on aircraft serial number BY-158 RH and has been fully charged with Turbo Oil 2380. Dale W. Dodd Dale W. Dodd For Hawker Beechcraft Corporation PC#8

	Signature	AME ACA/AMO SCA/AMO

This Gas Generator module is combined with Power Section.

S/N: PS- RX0448

NG/√Θ 35150 **RPM, at** 850 **SHP /δ√Θ**

ITT Trim: 20.9 **C°**

T5 Trim resistance: 61.2 **Ohms**

M. VANMAANEN

617

T.C. 4-58 NO. 039

CUTTER
Leading the Business of Aviation

2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model	B200GT	Work Order No.	02M-7841
Serial No.	BY-158	Hour Meter	110.4
Registration	N266DB	Aircraft Total Time	109.4
Engine Model	PT6A-52	Engine TSN	109.4
Engine Serial	PCE-RX0448	Engine CSN	131

Right Engine Log

Scheduled Maintenance or Inspections

- Removed upper and lower engine cowling on right engine and performed initial 100 hour engine inspection on PT6A-52 engine using p/n AL-PT6-100 kit and new igniter gaskets p/n 3010880. Installed engine cowling for both engines, performed engine runs to check for leaks. No leaks noted at this time. Engine oil level good at this time REF: Pratt and Whitney MM 3072862. 72-00-00.

The aircraft and /or component identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed: Kevin Reedy *Kevin Reedy* Date: April 23, 2013

FAA Repair Station No. EKGR571D

CUTTER
Leading the Business of Aviation

2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model	Kingair B200GT	Work Order No.	02M-8065
Serial No.	BY-158	Hour Meter	196.9
Registration	N266DB	Aircraft Total Time	196.9
Engine Model	PT6A-52	Engine TSN	196.9
Engine Serial	PCE-RX0448	Engine CSN	242

Right Engine Log

Scheduled Maintenance or Inspections

- Performed Phase 1 inspection. Reference Cutter Flight Management, Inc. AAIP Scheduled Inspection Program.
- Performed #2 Engine periodic inspection (minor, routine, 100 hr, 200 hr) per customer request. Reference P&W M/M Ch. 72-00-00 Table 601.

Discrepancies

- Adjusted L/H and R/H engine ground-idle speeds in order to obtain proper propeller RPM's at idle. Reference P&W M/M Ch. 71-00-00.

The aircraft and /or component identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed: Kevin Reedy *Kevin Reedy* Date: Sept 13, 2013

FAA Repair Station No. EKGR571D

Section 1: Record of engine maintenance and elementary work

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

CUTTER
Leading the Business of Aviation

2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model	King Air B200GT	***Right Engine Log***	Work Order No.	02M-8638
Serial No.	BY-158		Hour Meter	411.2
Registration	N266DB		Aircraft Total Time	411.2
Engine Model	PT6A-52		Engine TSN	411.2
Engine Serial	PCE-RX0448		Engine CSN	526

Scheduled Maintenance or Inspections

- Complied with Phase 2 inspection. Reference Cutter CFMI Inspection Program Section: BE-200, Revision: 3.
- Removed the R/H engine fuel nozzles and manifold. Sent out fuel nozzles for cleaning and flow check. Received back fuel nozzles after cleaning and flow check from Dallas Airmotive CRS# YRR4491L, under W.O. RPR36303. Reinstalled nozzles back in engine. Performed leak check. No leaks noted. Reference P&W M/M Ch 73-10-05.
- Performed Boroscope Inspection on RH engine. No discrepancies noted. Reference P&W M/M Ch. 72-00-00.

Discrepancies

- Installed 2 ea. new R/H engine ignitor plugs P/N CH34055. Operational check ok.
- Installed new carbon beta block P/N A3026.

Airworthiness Directives or Service Bulletins

- AD research complied with through Bi-Weekly 2014-15.

The aircraft and /or component identified above was repaired and inspected in accordance with current Cutter Flight Management AAIP and current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed: Kevin Reedy *Kevin Reedy* Date: July 22, 2014

FAA Repair Station No. EKGR571D

CUTTER
Leading the Business of Aviation

2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model	B200GT	***Right Engine Log***	Work Order No.	02M-8880
Serial No.	BY-158		Hour Meter	492.2
Registration	N266DB		Aircraft Total Time	492.2
Engine Model	PT6A-52		Engine TSN	492.2
Engine Serial	PCE-RX0448		Engine CSN	648

Scheduled Maintenance or Inspections

- Complied with Phase 3 and 4 Scheduled Inspections. All work accomplished in reference to King Air 200 Series MM 05-20-03-201 and 05-20-04-201.

Airworthiness Directives or Service Bulletins

- Reviewed AD's through bi-weekly 2014-25

The aircraft and /or component identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed: Kevin Reedy Date: Dec 19, 2014

FAA Repair Station No. EKGR571D

CUTTER
Leading the Business of Aviation

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

Hawker

Registration:	N266DB
Model No.	B200GT
Serial No.	BY-158

RH Engine Log Entry

Aircraft TT	673.7
Landings	864

Performed engine ground run and operation checks in accordance with Cutter form 421 and operational check list in King Air 200 series maintenance manual chapter 5-20. No discrepancies found at this time.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-4095

Date: December, 14 2015 CRS# UXCR663X Robert Fulcher

CUTTER
Leading the Business of Aviation

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

Hawker

Registration:	N266DB
Model No.	B200GT
Serial No.	BY-158

RH Engine Log Entry

Aircraft TT	737.0
Landings	941

Swapped torque transmitters from left and right engines. Right engine torque transmitter now is PN 130-389002-3 SN 8102-1-367 in accordance with MM 77-10-05-401. Replaced o-rings with new PN M83248/1-912 and packing PN AS3208-04 Performed engine run with no defects noted. Referenced MM 77-10-05-401.
Pilot reports N1 does not indicate on first start of day. Found cannon plug to be loose. Removed cannon plug, cleaned, inspected contacts and reinstalled. Secured and saftied. Performed engine ground runs with no defects noted.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-4270

Date: June, 10 2016 CRS# UXCR663X Robert Fulcher

CUTTER
Leading the Business of Aviation

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

Hawker

Registration:	N266DB
Model No.	B200GT
Serial No.	BY-158

RH Engine Log Entry

Aircraft TT	728.0
Landings	935

Swapped the left engine bleed air valve PN 3117032-01C SN AHX2900260 with the right engine bleed air valve PN 3117032-01C SN AHX2900252, replaced with new o-rings PN M83248/1-010. Performed final ground performance run in accordance with all parameters in normal operation. Referenced MM 77-01-01-601.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-4251

Date: June, 2 2016 CRS# UXCR663X Robert Fulcher

CUTTER
ABQ • DVT • ELP • PHX • RBD • SAT • SMO • TEB

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

Beechcraft

Registration:	N266DB
Model No.	B200GT
Serial No.	BY-158

Right Engine Log Entry

Aircraft TT	772.8
Engine TT	772.8
Cycles	983

Performed Phase 2, 3 & 4 Inspections in accordance with the Raytheon 90 series maintenance manual Rev D3 5-20-02, 03, & 04 checklists.
Applied chafe tape to right engine ITT harness in accordance with MM 70-00 to prevent chafing.
I certify this engine has been inspected in accordance with FAR 91.409 (f) (3) and has been determined to be in airworthy condition.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 06M-4449

Date: January, 18 2017 CRS# UXCR663X Robert Fulcher

WO# 2517290 Date: 6/30/2017
Reg# N266DB Eng. SN: PCE-RX0448
Hobbs: 823.6
ETT: 823.6 ETC: 1028

ELLIOTT AVIATION

Elliott Aviation of the Quad Cities, Inc.
Quad City Airport
PO Box 100
Moline, IL 61266-0100

Right Engine Log Entry

Inspection

- ★ Complied with number two engine minor/routine inspection. Reference Pratt and Whitney Canada PT6A-52 Maintenance Manual, chapter 72-00-00.
- ★ Completed a Complete Phase Inspection using the Hawker Beechcraft Corp. Super King Air 200 Series Maintenance Manual Complete Phase Checklist. I certify this ENGINE has been inspected in accordance with FAA Regulation 14 CFR 91.409 (f)(3) using the manufacturer's Complete Phase Inspection program and is determined to be in airworthy condition and approved for return to service. Pertinent details are on file under the noted work order number

Special Inspection

- ★ Complied with 600 hour number two engine fuel system inlet screen check. Reference Pratt and Whitney Canada PT6A-52 Maintenance Manual, chapter 73-10-02.
- ★ Complied with 400 hour number two engine leak and function check of 14 engine fuel nozzles. Reference Pratt and Whitney Canada PT6A-52 Maintenance Manual, PN 3072862, chapter 73-10-05, Revision 15, dated 4/10/17.

Maintenance Action

- ★ Complied with number two engine borescope. No discrepancies noted at this time. Reference Pratt & Whitney Canada PT6A-52 Maintenance Manual, chapters 72-50-02 and 72-00-00.
- ★ Complied with the number two Engine Ground Perform Inspection/Check in accordance with Beechcraft King Air 200 Series Maintenance Manual, chapter 77-01-01-601. All performance numbers are within acceptable ranges at this time. No discrepancies noted. All performance numbers maintained on file under this work order.

I certify this Engine is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 2517290.

Signed _____ **for Elliott Aviation of the Quad Cities, Inc.**
Mitchell R. Fiedler **CRS# CGHR812C EASA 145.5686**

MAA DBA DEAN AIRCRAFT SERVICE
2913 Highway 11 South – Meridian, MS 39307
Phone (601) 485-7304 - Fax (601) 485-7889

April 5, 2018

N875J, Beech B200GT, SN BY-158
Hobbs 1022.9 TAT 1022.9 Landings 1227
R/H Engine PT6A-52, SN PCE-RX0448 TSN 1022.9 CSN 1227

C/W Beechcraft **Phase 1** and **Phase 2** Inspections I/A/W Textron Aviation Inc. 200 Series Aircraft Maintenance Manual Chapters 05-20-01 and 05-20-02.

- C/W **200 Hour** Pratt & Whitney engine **Minor Inspection** I/A/W Pratt & Whitney Canada PT6A-52 Maintenance Manual Chapter 72-00-00.
- C/W **12 Month/600 Hour** chip detector bridge check.
- C/W **200 Hour** P3 filter housing drain valve assembly inspection.
- C/W **200 Hour** compressor performance recovery wash.
- C/W **400 Hour** chip detector continuity check.
- C/W **600 Hour** fuel pump inlet screen check/cleaning.
- C/W **600 Hour** fuel pump outlet filter replacement by installing new filter PN AN6235-3A.
- C/W **1000 Hour** oil filter replacement by installing new filter PN 7579431AM.
- C/W **1000 Hour** P3 filter replacement by installing new filter PN WF336238.
- C/W **1000 Hour** accessory gear box internal scavenge pump inlet screen inspection.
- Replaced inboard and outboard igniters with new igniters PN CH34055 I/A/W Pratt & Whitney Canada PT6A-52 Maintenance Manual Chapter 74-20-00.
- Serviced engine with Eastman 2380 turbo oil.

I certify that I/A/W FAR 91.409 (F) (3), the Beechcraft **Phase 1** and **Phase 2** Inspections were performed and the engine was found in an airworthy condition and is approved for return to service. Pertinent details of this inspection are on file at this agency under Work Order # 3102. (END)

Signature _____ (Thomas Meek A&P 3110836)

Beechcraft Cessna Hawker
TEXTRON AVIATION

8402 Nelms
Houston, TX 77061
Ph 713-567-5000
Fax 713-645-3288

RIGHT ENGINE LOG ENTRY

Page 1 of 1

MODEL	A/C S/N	A/C REG	WORK ORDER	AC TT	AC TCYC	DATE
B200GT	BY-158	N236LF	86386	1242.4	1410	11/23/2018
ENG MODEL		**ENG S/N**	**ENG TT**	**ENG TCYC**		
PT6A-52		PCE-RX0448	1242.4	1410		

1. **CAMP Code 050030 & 050040, Phase 3 & 4 Inspection** IAW King Air B200 Series M/M P/N: 101-590010-19D2 Chapters 05-20-03 and 05-20-04.
2. **CAMP Code 057010, Engine Minor Periodic Inspection** IAW Pratt & Whitney PT6A-52 M/M Chapter 72-00-00 Table 601.
3. **CAMP Code 733010, Clean P3 Filter** IAW Pratt & Whitney PT6A-52 M/M 73-10-07.
4. **CAMP Codes 731020 and 731025, 400 Hour Right Engine Fuel Nozzle Flow Check and Engine Bore Scope.** Complied with borescope of hot section IAW Pratt & Whitney PT6A-52 M/M Chapter 72-00-00. Reinstalled fuel nozzles, after inspection by Pratt & Whitney Engine Services, Inc. CRS HN4R238M under Work Order 207472, IAW Pratt & Whitney PT6A-52A M/M 73-10-05.
5. **CAMP Code 740040, Inspect/Clean Outboard and Inboard Spark Igniter** IAW Pratt & Whitney PT6A-52 M/M 74-20-00.
6. **CAMP Code 740030, Ignition Cables Check for Chafing, Wear, and Installation** IAW Pratt & Whitney PT6A-52 M/M 74-20-00.
7. **CAMP Code 790030, Magnetic Chip Detector Continuity Inspection IAW Pratt & Whitney PT6A-52 M/M Chapter 79-20-02.**
8. **CAMP Code 790060, Oil Filter and Secondary Screen Inspection** IAW Pratt & Whitney PT6A-52 M/M 79-20-02.

I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW Title 14 CFR 91.409 (f) (3). 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.

Textron Aviation Service
CRS CNQ9918C

Mike Krejci
Title: Inspector

WO# 2518505 **Date:** 3/26/2019
Reg# N875J **Eng. SN:** PCE-RX0448
Hobbs: 1293.4
ETT: 1293.4 **ETC:** 1453

ELLIOTT AVIATION

Elliott Aviation of the Quad Cities, Inc.
Quad City Airport
PO Box 100
Moline, IL 61266-0100

Right Engine Log Entry

Special Inspection

* 790040 - Complied with number two engine chip detector bridge check. Reference Textron Aviation King Air 200 Series Maintenance Manual, chapter 12-10-03-301.

I certify this Engine is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 2518505.

Signed _____ **for Elliott Aviation of the Quad Cities, Inc.**
Mitchell R. Fiedler **CRS# CGHR812C EASA 145.5686**

Page 1 of 1

N#: **N875J**	MODEL: **PT6A-52**	#2 ENG S/N: **PCE-RX0448**	Jones
DATE: **04-18-2019**	TSN: **1308.4**	CSN: **1463**	
- **Complied with Pratt and Whitney SB PT6A-72-13474 Revision 1** - Inspection of Torque Limiter. No defects noted at this time.			
Approved for RETURN TO SERVICE			
Signature: _____	Jeff O. Donaldson	Certificate #: A&P 3255079	

N#: **N875J**	MODEL: **PT6A-52**	#2 ENG S/N: **PCE-RX0448**	Jones
DATE: **11-26-2019**	TSN: **1429.4**	CSN: **1553**	

- Complied with Adjustment/Test of Ignition System. Operational check found OK. Reference PT6A-52 MM 74-00-00.
- Complied with Inspection/Check and Cleaning of Fuel Flow Divider. Performed satisfactory operational and leak checks. Reference PT6A-52 MM 73-10-04.

Approved for RETURN TO SERVICE

Signature: Jeff O. Donaldson | Certificate #: A&P 3255079

RT

StandardAero

600 E. Dallas Road, Suite 400, Grapevine, TX 76051

StandardAero
CRS# U8TR793Y; EASA# 145.5299

Manufacturer:	Pratt & Whitney Canada		Model No:	PT6A-52		Work Order:	41-00584
Description:	Engine Assembly Complete		Serial No:	PCE-RX0448		Order/ Task:	1308/33
TSN:	1739	CSN:	1794	TSO:	N/A	CSO:	N/A

LCF PARTS ACCESSED THIS VISIT

Part Description	P/N Removed	S/N Removed	TSN	CSN	P/N Installed	S/N Installed	TSN	CSN
CT Disk	3040311	YUAA012A362	1739	1794	3040311	YUAA012A362	1739	1794

Details of work performed: N875J current hour meter reading 1739.0

Complied with Hot Section Inspection. Installed Inner Exit Duct Assembly with original CT Vane and installed assembly with 'New' condition shroud segments. Installed original CT Disk assembly with 59ea original CT Blades (reference StandardAero form 8130 tracking number 41-00584). Reinstalled original Combustion Chamber Inner and Outer Liners. Installed freshly cleaned and flow checked Fuel Nozzle assemblies. Assembled engine using new orings, seals and locking devices. Operations checked normal with satisfactory ground performance and no leaks detected. Performed this inspection IAW Pratt & Whitney MM 3072862, rev 22.0, dated 12 October, 2020 and Textron MM 101-590010-19 revE1, dated 1 November, 2019.

Pertinent details of this repair are on file at this repair station under work order: 41-00584

The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service with respect to the work performed.

AUTHORIZED BY (PRINT):	SIGNATURE:	DATE:
Jeffrey L Braun	Jeffry L Braun	3 May, 2021

TX003R1

Section 1: Record of engine maintenance and elementary work

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

SAI Flight Support Co.
FAA Repair Station
54SD161D

864-747-7962
Phone

Model	B200GT	Right Engine Maintenance	Work Order	3177
Serial number	BY-158	Gas Generator	Hour Meter	1739.0
Registration	N875J	Log Record	AC TT	1739
Engine Model	PT6A-52	Page 1 of 1	ENG TT	1739.0
Engine S/N PCE RX0448		Date 5/4/21	ENG TSO	1739.0
			ENG TC	1794

Inspections and Routine Maintenance

- Complied with phase 1-4 inspection
- Hot section inspection performed by Standard Aero See appropriate Engine logs for detailed entry.

I certify that this Engine and or components identified above have been inspected or repaired in accordance with a phase 1-4 inspection as required by 91.409 (f) (3) and the aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

END

Signed: Date 5/4/21
Frederick Cassel
SAI Flight Support Co. CRS 54SD161D

StandardAero

600 E. Dallas Road, Suite 400, Grapevine, TX 76051

StandardAero

CRS# U8TR793Y; EASA# 145.5299

Manufacturer:	Pratt & Whitney Canada		Model No:	PT6A-52		Work Order:	41-00836
Description:	Engine Assembly Complete		Serial No:	PCE-RX0448		Order/ Task:	1308-35
TSN:	1758.5	CSN:	1830	TSO:	N/A	CSO:	N/A

LCF PARTS ACCESSED THIS VISIT

Part Description	P/N Removed	S/N Removed	TSN	CSN	P/N Installed	S/N Installed	TSN	CSN
CT Disk	3040311	YUAA012A362	1758.5	1830	3040311	YUAA012A362	1758.5	1830

Details of work performed: N875J current hour meter reading... 1758.5

TSHSI 19.5 CSHSI 36

Due to poor performance at altitude, removed and replaced shroud segments to obtain minimum .020 acceptable CT Blade tip clearance. Assembled engine using new seals gaskets and locking devices. Serviced engine with 2380 turbine engine oil. Operations checked normal with satisfactory ground performance and no leaks detected. Performed this repair IAW Pratt & Whitney MM 3072862 rev22, dated 12 October, 2020.

Pertinent details of this repair are on file at this repair station under work order: 41-00836

The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service with respect to the work performed.

AUTHORIZED BY (PRINT):	SIGNATURE:	DATE:
Jeffrey L Braun	Jeff L Braun	25 May, 20201

TX003R1

Signature

AME
ACA/AMO
SCA/AMO

S/N B158
A/F LOG

Page 5

Page 4

Section 1: Record of engine maintenance and elementary work

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

SAI Flight Support Co.
FAA Repair Station
54SD161D

864-747-7962
Phone

Model	B200GT	Right Engine Maintenance	Work Order	3313
Serial number	BY-158		Hour Meter	1943.8
Registration	N875J	Log Record	AC TT	1943.8
Engine Model	PT6A-52	Page 1 of 1	ENG TT	1943.8
Engine S/N PCE RX0448		Date: 12/13/2021	ENG TSO	1943.8
			ENG TC	2026

Maintenance Performed

- Removed PT6A-52. S/N: PCE RX0448 from #2 position of N875J. S/N: BY-158 and prepared engine for shipment. All work accomplished in accordance with Kingair Maintenance Manual Chapter71-00-01

END

Signed: Date 12/13/2021

Frederick Cassel
SAI Flight Support Co.
CRS 54SD161D

DallasAirmotive
A StandardAero Company
40591 Airport Road
New London, NC 28127
CERTIFICATE NO. YRR249IL

PT6A-52	Engine S/N: PCE-RX0448	T.S.N.: 1943.8	C.S.N.: 2026	T.S.O.: NA	C.S.O.: NA

RECEIVED ENGINE IN FOR TEST AFTER HOT SECTION DUE TO HIGH ITT. TESTED ENGINE AND RETRIMED. INSTALLED 1EA FN TRIM STICK PN 3053995CL11 SN NRA01759. PRESERVED FUEL SYSTEM, AND PREPARED ENGINE FOR SHIPPING. ALL WORK DONE WITH REFERENCE TO PRATT & WHITNEY OVERHAUL MANUAL P/N 3072863 REV. 17 DATED 02 AUGUST 2021, MAINT. MANUAL P/N 3072862 REV. 24 DATED 11 OCTOBER 2021, AND OTHER DATA AND METHODS ACCEPTABLE TO THE ADMINISTRATOR. SEE ATTACHED PARTS LIST AND 8130'S FOR PARTS REPAIRED OR REPLACED.

CT VANE= NDIS PT STATOR= NDIS

CORRECTED ENGINE PERFORMANCE

SHP	Ng %	T_5 °F	T_5 °C	SFC	POWER CHECK T_5 TARGET	DATA PLATE SPEED@850 SHP	T_5 PULL DOWN REQUIRED	T_5 TRIMMER	
									ADJUSTED
950	95.3	1248	656	579	NA	35360/94.3%	42.2 °C	P/N 3053995CL11	@ 26.8 Ω

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: RPR58770

Signature: Date: 01/10/2022 DAI 261

RT

StandardAero

CRS# U8TR793Y; EASA# 145.5299

600 E. Dallas Road, Suite 400, Grapevine, TX 76051

Manufacturer:	Pratt & Whitney Canada	Model No:	PT6A-52	Work Order:	41-00584
Description:	Engine Assembly Complete	Serial No:	PCE-RX0448	Order/ Task:	1308/33
TSN:	1739	CSN:	1794	TSO: N/A	CSO: N/A

LLP PARTS ACCESSED THIS VISIT

Part Description	P/N Removed	S/N Removed	TSN	CSN	P/N Installed	S/N Installed	TSN	CSN
CT Disk	3040311	YUAA012A362	1739	1794	3040311	YUAA012A362	1739	1794

Details of work performed: N875J current hour meter reading 1739.0

Complied with Hot Section Inspection. Installed Inner Exit Duct Assembly with original CT Vane and installed assembly with 'New' condition shroud segments. Installed original CT Disk assembly with 59ea original CT Blades (reference StandardAero form 8130 tracking number 41-00584). Reinstalled original Combustion Chamber Inner and Outer Liners. Installed freshly cleaned and flow checked Fuel Nozzle assemblies. Assembled engine using new orings, seals and locking devices. Operations checked normal with satisfactory ground performance and no leaks detected. Performed this inspection IAW Pratt & Whitney MM 3072862, rev 22.0, dated 12 October, 2020 and Textron MM 101-590010-19 revE1, dated 1 November, 2019.

Pertinent details of this repair are on file at this repair station under work order: 41-00584

The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service with respect to the work performed.

AUTHORIZED BY (PRINT):	SIGNATURE:	DATE:
Jeffrey L Braun	Jeffrey L Braun	3 May, 2021

TX003R1

Page 4

TEXTRON AVIATION

Maintenance Transaction Record

This Maintenance Report is To Be Used Solely For:

Engine #2 Serial No. PCE-RX0448

MTR ID # 8059759

Page 2 of 2

Textron Aviation
One Cessna Blvd.
Wichita, KS 67215 U.S.A.
Phone: +1(316)517-6000

Aircraft Identification and Status

Date	City ID	Total A/C Hours	Total A/C Landings	Eng. 1 Tsi Hrs	Eng. 2 Tsi Hrs	Eng. 1 Tsi Cycles	Eng. 2 Tsi Cycles	Prop 1 Hrs	Prop 2 Hrs	Freon Hrs
29-Oct-20	KHOU	1558.6	1645		1558.6		1645			

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

StandardAero

PT6A Series Turbo-Prop Engine
Ground Performance Worksheet

			Left	Right
Date / Time:	20 January 2022/14:00			
A/C Registration:	N875J	Engine Serial:	PCE-RX0447	PCE-RX0448
Aircraft Model:	King Air B200GT	Data Plate Speed:	N/A	N/A
Aircraft Serial:	BY158	Engine Type / Model:	PT6A-52	
Hour Meter:	1943.8	Propeller Installation:	Hartzell	

Barometric Pressure "Hg	28.95	O.A.T. °C	8
Pressure Altitude Ft.	910'	Inlet Air Temp (TT1) °C	8
Wind Direction / Speed			

	Left	Right
Starting NG % Speed	15.5	15.8
Start Temperature T5°C	736	764

Primary Blade Angle / Flight Idle Torque		
	Left	Right
Target525@1800RPM	7 degree' OAT 550	540

Ground Performance Data				Engine Controls – Cruise Check applicable	
	Target	Left	Right	Power Levers	Prop Levers
Torque – Tq	2090	2090	2090		
I.T.T. - TT5 °C	675	640	646		
Prop RPM - Np	2000	2000	2000		
Gas/Gen Speed – Ng%	97.5	93.4	94.2		
Fuel Flow - WF	520	500	500		
Oil Pressure		120	119		
Oil Temperature		66	68		

System / Rigging Settings		
	Left	Right
Idle Speed Ng%	Low: 66.3 High: 71.2	Low: 66.5 High: 71.9
Take Off RPM		
Overspeed Gov.		
Reverse	NP: 1880 NG: 85.6 TQ: 850	NP: 1910 NG: 86.3 TQ: 880

Aircraft Runs Performed By: Chris J Braun

Company: SAI Flight StandardAero

	Signature	AME ACA/AMO SCA/AMO

StandardAero

600 E. Dallas Road, Suite 400, Grapevine, TX 76051

StandardAero
CRS# U8TR793Y; EASA# 145.5299

Manufacturer:	Pratt & Whitney Canada		Model No:	PT6A-52		Work Order:	42-00205
Description:	Engine Assembly Complete		Serial No:	PCE-RX0448		Order/ Task:	1623/4
TSN:	1943.8	CSN:	2026	TSO:	N/A	CSO:	N/A

Details of work performed: N875J current hour meter reading... 1943.8 TSHSI 204.8 CSHSI 232
Installed this engine after test cell T5 Trim repair in the #2 position of King Air B200GT, SNBY158, registration number N875J. Installed engine using original vibration isolator engine mounts and flammable fluid hoses. Installed engine using new orings, seals and gaskets. Serviced engine with 2380 turbine engine oil. Purged fuel system of preservative oil. Rigged and saftied linkages. Operations checked normal with no leaks detected. Performed this installation IAW Textron MM 101-590010-19, dated 1 November, 2019.

Pertinent details of this repair are on file at this repair station under work order: 42-00205

The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service with respect to the work performed.

AUTHORIZED BY (PRINT):	SIGNATURE:	DATE:
Jeffrey L Braun	Jeffrey L Braun	20 January, 2022

TX003R1

Section 1: Record of engine maintenance and elementary work

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

SAI Flight Support Co.
FAA Repair Station
54SD161D

864-747-7962
Phone

Model	B200GT	Right Engine Maintenance	Work Order	3313
Serial number	BY-158	Gas Generator	Hour Meter	1943.8
Registration	N875J	Log Record	AC TT	1943.8
Engine Model	PT6A-52	Page 1 of 1	ENG TT	1943.8
Engine S/N PCE RX0448		Date: 01/03/2022	ENG TSO	1943.8
			ENG TC	2026

Inspections and Routine Maintenance

- Reinstalled engine after repair by Standard Aero. All work accomplished in accordance with Kingair Maintenance Manual Chapter71-00-01
- 1Complied with Phase 1-4 Inspection. All work accomplished in accordance with the Textron Aviation 200 Series Maintenance Manual (Rev E1) Chapter 5-21-02 (Rev E1) as guide

ADs checked through bi-weekly 2022-02

I certify that this Engine and or components identified above have been inspected or repaired in accordance with a phase 1-4 inspection as required by 91.409 (d) (3) and the aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

END

Signed: _____ Date 1/03/2022

Frederick Cassel
SAI Flight Support Co.
CRS 54SD161D

SAI Flight Support Co.
FAA Repair Station
54SD161D

864-747-7962
Phone

Model	B200GT	Right Engine Maintenance	Work Order	3484
Serial number	BY-158	Gas Generator	Hour Meter	2140.4
Registration	N875J	Log Record	AC TT	2140.4
Engine Model	PT6A-52	Page 1 of 1	ENG TT	2140.4
Engine S/N PCE RX0448		Date: 9/19/2022	ENG TSO	2140.4
			ENG TC	2026

Inspection and Routine Maintenance

- Complied with the Phase 1-4 inspections. All work accomplished in accordance with the Textron Aviation 200 King Air maintenance manual chapter 05-21-02 RevE1
- Complied with right engine S.O.A.P samples.
- Complied with the right engine 200-hour performance recovery wash and rinse. All work accomplished in accordance with the Pratt and Whitney Maintenance manual chapter 72-00-00.
- Removed and replaced left engine igniters, Part Number CH34055 installed. All work accomplished in accordance with the Pratt and Whitney Maintenance Manual Chapter 74-00-00.

ADs checked through biweekly listing 2022-19

I certify that this Engine and or components identified above have been inspected or repaired in accordance with a Phase 1-4 inspection as required by 91.409 (f) (3) and the aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

END

Signed: Frederick Cassel Date 9/19/2022

Frederick Cassel
SAI Flight Support Co.
CRS 54SD161D

Section 1: Record of engine maintenance and elementary work

SAI Flight Support Co.
FAA Repair Station
54SD161D
864-747-7962 Phone

Model	200	Right Engine Maintenance	Work Order	3736
S/N	BY-158	Gas Generator	Hour Meter	2347.0
Registration	N875J	Log Record	AC TT	2347.0
Engine Model	PT6A-52	Page 1 of 1	ENG TT	2347.0
Engine S/N PCE RX0448		Date: 8/25/2023	ENG TSO	2347

Inspections and Routine Maintenance

- Complied with the Phase 1-4 Complete inspection. All work accomplished IAW Textron Aviation King Air 200 MM Chapter 05-21-02 Rev E.2.
- Complied with right engine S.O.A.P sample.
- Complied with the right engine 200-hour minor inspection. All work performed IAW the Pratt and Whitney MM Chapter 72-00-00.
- Complied with the 400-hour inspection/flow check of the right engine fuel nozzles. Removed and reinstalled left and right engine fuel nozzles. Flow check performed by Tennessee Aircraft Co. under Work Order #: 83869-6C6. Operational and leak checked satisfactory. All work accomplished IAW the Pratt and Whitney MM Chapter 73-00-00.
- Complied with 400-hour borescope inspection of the right engine. Work performed by Ellis Air. See additional logbook entries for more information.
- Removed and replaced right engine ignitors P/N CH34055. All work accomplished IAW the Pratt and Whitney MM chapter 74-00-00.
- Complied with the 1000-hour replacement of the right engine P3 filters P/N 7579431AM. All work accomplished IAW Pratt and Whitney MM Chapter 73-00-00.
- Complied with the 1000-hour replacement of the right engine oil filter P/NWF336238. All work accomplished IAW Pratt and Whitney MM Chapter 79-00-00.

ADs Checked Biweekly through 2023-17

I certify that this Engine and or components identified above have been inspected or repaired IAW a Phase 1-4 inspection as required by 91.409 (f) (3) and the aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

END

Signed: _____ Date 8/25/2023

Kelly Robinson
SAI Flight Support Co
CRS54SD161D

	Signature	AME ACA/AMO SCA/AMO

SAI Flight Support Co.
FAA Repair Station
54SD161D

864-747-7962
Phone

Registration	N875J	**Right Engine Maintenance**	Work Order #	4053
Model	B200GT		Hour Meter	2591.4
Serial number	BY-158	Log Record	AC TT	2591.4
Engine Model	PT6A-52		ENG TT	2591.4
Engine S/N	PCE-RX0448	Date: 10-02-2024	ENG TSO	N/A

- 1 Complied with Inspection Program (Complete). All work accomplished in accordance with the Textron Aviation King Air 200 Series Maintenance Manual (Rev E3) Chapter 05-21-02 (Rev E2) as guide.
- 11 Complied with 200 hr. left and right engine minor inspections IAW P&WC PT6A-52 72-00-00.
- 12 Complied with the 400 hour compressor wash and rinse of the left and right engines. All work accomplished in accordance with the Pratt and Whitney PT6A-52 MM 72-00-00.

END

I certify that this airframe, engine, propeller, appliance and or components identified above have been inspected or repaired as required by 91.409 (f) (3) and manufacturer's recommended maintenance publications and the aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed: David B Braendle

David Braendle
SAI Flight Support Co. CRS 54SD161D

Date: 10-02-2024

N875J
S/N B158
A/F LOG

Log Book E

1 Aviation Lane
Ste 6
Greenville, SC 29607
United States

October 15, 2

Phone: 864-98

Manufacturer: Pratt & Whitney
Part/Model number: PT6A-52
Work Order No: GMU-238

TSN/TSO: 2,761.00 / N/A
Serial Number: PCE-RX0448
Date: 10/15/2025

CSN/CSO: 2,816.00 / 1,022.00

Squawk

3.1 Complied with phase 1-4 inspection. Reference King Air 200 series MM 05-00-00.

3.2 Complied with number 2 engine minor inspection. Reference Pratt and Whitney PT6A-52 MM 72-00-00.

3.3 Complied with 400 hour fuel nozzles inspection and flow check on rigth engine. Removed fuel nozzles and sent off for testing. Reinstalled fuel nozzles. Leak check satisfactory. Fuel nozzles were tested by Tennessee Aircraft Co. of Mt Juliet, TN. FAA certificate number QTFR573L. See FAA form 8130-3 tracking number 88300 dated 01OCT2025 for work details. Reference PT6A-52 Engine Maintenace Manual 73-10-05.

3.4 Complied with the Right engine 400 hour borescope inspection. No defects noted at this time. See borerscope report for further information. Reference: Pratt and Whitney Maintenance manual 72-00-00.

3.5 Complied with number 2 engine oil sample.

These items identified above were inspected and/or repaired in accordance with current Federal Aviation Regulations and manufacturer's maintenance publications. The aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station under Work Order Number GMU-238.

Donald Tolar
Printed Name

Donald Tolar
Signature

10-15-2025
Date

54SR161D
Certificate Number

Transport Canada Transports Canada

TP 14182
(Revised 05/2005)

Engine Logbook

POWER SECTION MODULE LOG BOOK

TC-1001185
05/2005

Canada

Volume #: 1

Opened on: 07 SEP 2012

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 — **PS-** RX0448

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
07 SEP 2012	0.0	0.0	0	**New engine final acceptance test completed satisfactorily and is in condition for safe operation.**
11-2-12	0	0	0	This engine has been installed on aircraft seri number BY-158 RH and has been fully charg with Turbo Oil 2380. Dale W. Dodd Dale W. Dodd For Hawker Beechcraft Corporation PC#8

	Signature	AME ACA/AMO SCA/AMO
This Power Section module is combined with Gas Generator.		
S/N: PCE- RX0448		
NG/√Θ 35150 **RPM, at** 850 **SHP /δ√Θ**		
ITT Trim: 20.9 **C°**		
T5 Trim resistance: 61.2 **Ohms**	**M. VANMAANEN** (617)	T.C. 4-58 NO. 039

CUTTER
Leading the Business of Aviation

2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model	B200GT	Work Order No.	02M-7841
Serial No.	BY-158	Hour Meter	110.4
Registration	N266DB	Aircraft Total Time	109.4
Engine Model	PT6A-52	Engine TSN	109.4
Engine Serial	PCE-RX0448	Engine CSN	131

Right Engine Log

Scheduled Maintenance or Inspections

- Removed upper and lower engine cowling on right engine and performed initial 100 hour engine inspection on PT6A-52 engine using p/n AL-PT6-100 kit and new igniter gaskets p/n 3010880. Installed engine cowling for both engines, performed engine runs to check for leaks. No leaks noted at this time. Engine oil level good at this time REF: Pratt and Whitney MM 3072862. 72-00-00.

The aircraft and /or component identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed *Kevin Reedy* Date: April 23, 2013

FAA Repair Station No. EKGR571D

WO# 2517290 Date: 6/30/2017
Reg# N266DB Eng. SN: PCE-RX0448
Hobbs: 823.6
ETT: 823.6 ETC: 1028

ELLIOTT AVIATION

Elliott Aviation of the Quad Cities, Inc.
Quad City Airport
PO Box 100
Moline, IL 61266-0100

Right Engine Log Entry

Inspection

* Complied with number two engine minor/routine inspection. Reference Pratt and Whitney Canada PT6A-52 Maintenance Manual, chapter 72-00-00.
* Completed a Complete Phase Inspection using the Hawker Beechcraft Corp. Super King Air 200 Series Maintenance Manual Complete Phase Checklist. I certify this ENGINE has been inspected in accordance with FAA Regulation 14 CFR 91.409 (f)(3) using the manufacturer's Complete Phase Inspection program and is determined to be in airworthy condition and approved for return to service. Pertinent details are on file under the noted work order number.

Special Inspection

* Complied with 600 hour number two engine fuel system inlet screen check . Reference Pratt and Whitney Canada PT6A-52 Maintenance Manual, chapter 73-10-02.
* Complied with 400 hour number two engine leak and function check of 14 engine fuel nozzles. Reference Pratt and Whitney Canada PT6A-52 Maintenance Manual, PN: 3072862, chapter 73-10-05, Revision 15, dated 4/10/17.

Maintenance Action

* Complied with number two engine borescope. No discrepancies noted at this time. Reference Pratt & Whitney Canada PT6A-52 Maintenance Manual, chapters 72-50-02 and 72-00-00.
* Complied with the number two Engine Ground Perform Inspection/Check in accordance with Beechcraft King Air 200 Series Maintenance Manual, chapter 77-01-01-601. All performance numbers are within acceptable ranges at this time. No discrepancies noted. All performance numbers maintained on file under this work order.

I certify this Engine is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 2517290

Signed _____ for Elliott Aviation of the Quad Cities, Inc.
Mitchell R. Fiedler CRS# CGHR812C EASA 145.5686

Section 1: Record of engine maintenance and elementary work

WO# 2518505 Date: 3/26/2019
Reg# N875J Eng. SN: PCE-RX0448
Hobbs: 1293.4
ETT: 1293.4 ETC: 1453

ELLIOTT AVIATION

Elliott Aviation of the Quad Cities, Inc.
Quad City Airport
PO Box 100
Moline, IL 61266-0100

Right Engine Log Entry

Special Inspection

* 790040 - Complied with number two engine chip detector bridge check. Reference Textron Aviation King Air 200 Series Maintenance Manual, chapter 12-10-03-301.

I certify this Engine is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 2518505.

Signed _____ Mitchell R. Fiedler

for Elliott Aviation of the Quad Cities, Inc.
CRS# CGHR812C EASA 145.5686

N#: **N875J**	MODEL: **PT6A-52**	#2 ENG S/N: **PCE-RX0448**	Jones
DATE: **04-18-2019**	TSN: **1308.4**	CSN: **1463**	

- **Complied with Pratt and Whitney SB PT6A-72-13474 Revision 1** - Inspection of Torque Limiter. No defects noted at this time.

Approved for RETURN TO SERVICE

Signature: _____ Jeff O. Donaldson | Certificate #: A&P 3255079

StandardAero

StandardAero
CRS# U8TR793Y; EASA# 145.5299

600 E. Dallas Road, Suite 400, Grapevine, TX 76051

Manufacturer:	Pratt & Whitney Canada		Model No:	PT6A-52		Work Order:	41-00584
Description:	Engine Assembly Complete		Serial No:	PCE-RX0448		Order/ Task:	1308/33
TSN:	1739	CSN:	1794	TSO:	N/A	CSO:	N/A

LCF PARTS ACCESSED THIS VISIT

Part Description	P/N Removed	S/N Removed	TSN	CSN	P/N Installed	S/N Installed	TSN	CSN
CT Disk	3040311	YUAA012A362	1739	1794	3040311	YUAA012A362	1739	1794

Details of work performed: N875J current hour meter reading 1739.0

Complied with Hot Section Inspection. Installed Inner Exit Duct Assembly with original CT Vane and installed assembly with 'New' condition shroud segments. Installed original CT Disk assembly with 59ea original CT Blades (reference StandardAero form 8130 tracking number 41-00584). Reinstalled original Combustion Chamber Inner and Outer Liners. Installed freshly cleaned and flow checked Fuel Nozzle assemblies. Assembled engine using new orings, seals and locking devices. Operations checked normal with satisfactory ground performance and no leaks detected. Performed this inspection IAW Pratt & Whitney MM 3072862, rev 22.0, dated 12 October, 2020 and Textron MM 101-590010-19 revE1, dated 1 November, 2019.

Pertinent details of this repair are on file at this repair station under work order: 41-00584

The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service with respect to the work performed.

AUTHORIZED BY (PRINT):	SIGNATURE:	DATE:
Jeffrey L Braun	Jeffrey L Braun	3 May, 2021

TX003R1

Beechcraft | Cessna | Hawker
TEXTRON AVIATION

TEXTRON AVIATION

Maintenance Transaction Record

This Maintenance Report is To Be Used Solely For:

✔ Engine #2 Serial No PCE-RX0448

MTR ID # 8059759
Page 1 of 2

Textron Aviation
One Cessna Blvd.
Wichita, KS 67215 U.S.A.
Phone: +1(316)517-6000

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 Ttl Hrs	Eng. 2 Ttl Hrs	Eng. 1 Ttl Cycles	Eng. 2 Ttl Cycles	Prop 1 Hrs	Prop 2 Hrs	Freon Hrs
BY-158	158	N875J	29-Oct-20	KHOU	1558.6	1645		1558.6		1645			

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
050010	1	2	Accomplish Phase 1 Inspection							
	Comment: Complied with Phase 1 Inspection IAW King Air B200 Series MM P/N 101-590010-19: Rev - E1, Date - Nov 1, 2019 Chapter 05-20-01.									
050020	2	2	Accomplish Phase 2 Inspection							
	Comment: Complied with Phase 2 Inspection IAW King Air B200 Series MM P/N 101-590010-19: Rev - E1, Date - Nov 1, 2019 Chapter 05-20-02.									
050030	3	2	Accomplish Phase 3 Inspection							
	Comment: Complied with Phase 3 Inspection IAW King Air B200 Series MM P/N 101-590010-19: Rev - E1, Date - Nov 1, 2019 Chapter 05-20-03.									
050040	4	2	Accomplish Phase 4 Inspection							
	Comment: Complied with Phase 4 Inspection IAW King Air B200 Series MM P/N 101-590010-19: Rev - E1, Date - Nov 1, 2019 Chapter 05-20-04.									
057010	5	2	Accomplish Engine Minor Inspection	RH						
	Comment: Complied with RH Engine Minor Periodic Inspection IAW Pratt & Whitney PT6A-52 MM CH 72-00-00 Table 601.									
731030	6	2	Replace No.1 Fuel Pump Outlet Filter	RH						
	Comment: Installed new fuel pump outlet filter on No. 2 Engine P/N: 3059779-01 IAW Pratt and Whitney PT6A-52 MM CH 73-10-02. Leak Check Satisfactory.									
731040	7	2	Check/Clean/Replace Fuel Pump Inlet Screen	RH						
	Comment: Complied with No. 2 Engine Check/Clean Fuel Pump Inlet -Screen IAW Pratt and Whitney PT6A-52 MM CH 73-10-02. No Defects Noted.									
740040	8	2	Check Spark Igniters for Cleanliness, Erosion, and Function	RH						
	Comment: Complied with No. 2 engine spark ignitor for cleanliness and erosion IAW Pratt and Whitney PT6A-52 MM CH 74-20-00. Operational Check Satisfactory.									
790030	9	2	Perform Magnetic Chip Detector Continuity Inspection	RH						
	Comment: Complied with No. 2 Engine Magnetic Chip Detector Continuity Inspection IAW Pratt and Whitney PT6A-52 MM CH 79-20-02. Operational Check Satisfactory.									

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/Rebuilt, S-Serviceable, O-Overhauled, T-Tested, M-Modified, I-Inspected

Repair Facility Textron Aviation Service - HQU **Certified Repair Station Number** CNQ9918C **Work Order #** 139855

Work Performed By Textron Aviation Service - HQU **Certificate No.** CNQ9918C **Date** 29-Oct-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) ____

and the aircraft identified above is presently airworthy and approved for return to service.

Work Inspected By Miguel A. Perez **Certificate No.** CNQ9918C **Date** 29-Oct-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
8	1

TEXTRON AVIATION

Maintenance Transaction Record

This Maintenance Report is To Be Used Solely For:

✔ Engine #2 Serial No. PCE-RX0448

Textron Aviation
One Cessna Blvd.
Wichita, KS 67215 U.S.A.
Phone: +1(316)517-6000

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 Ttl Hrs	Eng. 2 Ttl Hrs	Eng. 1 Ttl Cycles	Eng. 2 Ttl Cycles	Prop 1 Hrs	Prop 2 Hrs	Freon Hrs
BY-158	158	N875J	29-Oct-20	KHOU	1558.6	1645		1558.6		1645			

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
790040	10	2	Perform Magnetic Chip Detector Bridge Check	RH						
Comment: Complied with right engine magnetic chip detector bridge inspection IAW Pratt and Whitney PT6A-52 MM CH 79-20-02. Operational Check Satisfactory.										
740030	11	2	Check Ignition Cables for Chafing, Wear and Installation	RH						
Comment: Inspected Right Engine Ignition Cables for Chafing, Wear and Installation IAW Pratt and Whitney PT6A-52 MM CH 74-20-00. No Defects Noted.										
710030	12	2	Borescope hot section							
Comment: Complied with left engine borescope of hot section IAW Pratt & Whitney PT6A-52 MM Ch 72-00-00. No Defects Noted.										
731020	13	2	Clean fuel nozzles							
Comment: Complied with cleaning, inspection and flow check of left engine flow divider, primary and secondary fuel nozzles IAW Pratt &Whitney PT6A-52 MM Ch 73-10-05. No Defects Noted.										
731025	14	2	Leak/functional test fuel nozzles							
Comment: Installed left engine primary and secondary fuel nozzles and flow divider after cleaning and flow check IAW Pratt & WhitneyPT6A-52 MM Ch 73-10-05. Operational and Leak check satisfactory.										

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/Rebuilt, S-Serviceable, O-Overhauled, T-Tested, M-Modified, I-Inspected

Repair Facility Textron Aviation Service - HOU **Certified Repair Station Number** CNQ9918C **Work Order #** 139855

Work Performed By Textron Aviation Service - HOU **Certificate No.** CNQ9918C **Date** 29-Oct-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) _____

and the aircraft identified above is presently airworthy and approved for return to service.

Work Inspected By Miguel A. Perez **Certificate No.** CNQ9918C **Date** 29-Oct-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
8	2

Beechcraft | Cessna | Hawker
TEXTRON AVIATION

TEXTRON AVIATION

Maintenance Transaction Record

This Maintenance Report is To Be Used Solely For:

✔ Engine #2 Serial No. PCE-RX0448

Textron Aviation
One Cessna Blvd.
Wichita, KS 67215 U.S.A.
Phone: +1(316)517-6000

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 Ttl Hrs	Eng. 2 Ttl Hrs	Eng. 1 Ttl Cycles	Eng. 2 Ttl Cycles	Prop 1 Hrs	Prop 2 Hrs	Freon Hrs
BY-158	158	N875J	17-Nov-19	KHOU	1428.2	1552		1428.2		1552			

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

Task/ Item	Transaction No.	Transaction Type	Item Name	Position	Part Number/ Alternate Part	Mod Level	Part Serial	Removal Reason	Status	Installed Part TSN/TSO/TSR
050010	1	2	Comply with Phase 1 inspection							
	Comment: Complied with Phase 1 Inspection IAW King Air 200 Series MM P/N 101-590010-19: Revision - E0, Revision Date - Jan 1, 2019, Chapter 05-20-01.									
050020	2	2	Comply with Phase 2 inspection							
	Comment: Complied with Phase 2 Inspection IAW King Air 200 Series MM P/N 101-590010-19: Revision - E0, Revision Date - Jan 1, 2019, Chapter 05-20-02.									
057010	3	2	Accomplish No. 2 Engine Minor							
	Comment: Complied with Engine Minor Periodic Inspection IAW Pratt & Whitney PT6A-52 MM CH 72-00-00 Table 601.									
790040	4	2	No. 2 Engine - Bridge Check Chip Detector Chip Detector	Right Engine						
	Comment: Performed Right Engine Chip Detector Bridge Check IAW Pratt & Whitney PT6A-52 MM Chapter 79-20-02. Ops Check Good.									

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/Rebuilt, S-Serviceable, O-Overhauled, T-Tested, M-Modified, I-Inspected.

Repair Facility Textron Aviation Service - HOU **Certified Repair Station Number** CNQ9918C **Work Order #** 119267

Work Performed By Textron Aviation Service - HOU **Certificate No.** CNQ9918C **Date** 17-Nov-19

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) ____

& The Aircraft Identified Above Is Presently Airworthy and Approved for Return to Service

Work Inspected By Bill Henley **Certificate No.** CNQ9918C **Date** 17-Nov-19

Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.

Maintenance Log

Section	Page
8	

	Signature	AME ACA/AMO SCA/AMO

SAI Flight Support Co.
FAA Repair Station
54SD161D ***864-747-7962 Phone***

Model	B200GT	Right Engine Maintenance	Work Order	3177
Serial number	BY-158	Power Section	Hour Meter	1739.0
Registration	N875J	Log Record	AC TT	1739.0
Engine Model	PT6A-52	Page 1 of 1	ENG TT	1739.0
Engine S/N PCE RX0448		Date: 5/4/21	ENG TSO	1739
			ENG TC	1794

Inspections and Routine Maintenance

- Complied with phase 1-4 inspection
- Hot section inspection performed by Standard Aero See appropriate Engine logs for detailed entry.

I certify that this Engine and or components identified above have been inspected or repaired in accordance with a phase 1-4 inspection as required by 91.409(f) (3) and the aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

END

Signed: Date 5/4/21

Frederick Cassel
SAI Flight Support Co. CRS 54SD161D

Section 1: Record of engine maintenance and elementary work

SAI Flight Support Co.
FAA Repair Station
54SD161D
864-747-7962 Phone

Model	200	Right Engine Maintenance	Work Order	3736
S/N	BY-158	Power Section	Hour Meter	2347.0
Registration	N875J	Log Record	AC TT	2347.0
Engine Model	PT6A-52	Page 1 of 1	ENG TT	2347.0
Engine S/N PCE RX0448		Date: 8/25/2023	ENG TSO	2347

Inspections and Routine Maintenance

- Complied with the Phase 1-4 Complete inspection. All work accomplished IAW Textron Aviation King Air 200 MM Chapter 05-21-02 Rev E.2.
- Complied with right engine S.O.A.P sample.
- Complied with the right engine 200-hour minor inspection. All work performed IAW the Pratt and Whitney MM Chapter 72-00-00.
- Complied with the 400-hour inspection/flow check of the right engine fuel nozzles. Removed and reinstalled left and right engine fuel nozzles. Flow check performed by Tennessee Aircraft Co. under Work Order #: 83869-6C6. Operational and leak checked satisfactory. All work accomplished IAW the Pratt and Whitney MM Chapter 73-00-00.
- Complied with 400-hour borescope inspection of the right engine. Work performed by Ellis Air. See additional logbook entries for more information.
- Removed and replaced right engine ignitors P/N CH34055. All work accomplished IAW the Pratt and Whitney MM chapter 74-00-00.
- Complied with the 1000-hour replacement of the right engine P3 filters P/N 7579431AM. All work accomplished IAW Pratt and Whitney MM Chapter 73-00-00.
- Complied with the 1000-hour replacement of the right engine oil filter P/NWF336238. All work accomplished IAW Pratt and Whitney MM Chapter 79-00-00.

ADs Checked Biweekly through 2023-17

I certify that this Engine and or components identified above have been inspected or repaired IAW a Phase 1-4 inspection as required by 91.409 (f) (3) and the aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

END

Signed: _____ Date 8/25/2023

Kelly Robinson
SAI Flight Support Co
CRS54SD161D

Log Book Entry

October 15, 2025

1 Aviation Lane
Ste 6
Greenville, SC 29607
United States

Phone: 864-982-3899

Manufacturer: Pratt & Whitney
Part/Model number: PT6A-52
Work Order No: GMU-238

TSN/TSO: 2,761.00 / N/A
Serial Number: PCE-RX0448
Date: 10/15/2025

CSN/CSO: 2,816.00 / 1,022.00

Squawk	
3.1	Complied with phase 1-4 inspection. Reference King Air 200 series MM 05-00-00.
3.2	Complied with number 2 engine minor inspection. Reference Pratt and Whitney PT6A-52 MM 72-00-00.
3.3	Complied with 400 hour fuel nozzles inspection and flow check on rigth engine. Removed fuel nozzles and sent off for testing. Reinstalled fuel nozzles. Leak check satisfactory. Fuel nozzles were tested by Tennessee Aircraft Co. of Mt Juliet, TN. FAA certificate number QTFR573L. See FAA form 8130-3 tracking number 88300 dated 01OCT2025 for work details. Reference PT6A-52 Engine Maintenace Manual 73-10-05.
3.4	Complied with the Right engine 400 hour borescope inspection. No defects noted at this time. See borerscope report for further information. Reference: Pratt and Whitney Maintenance manual 72-00-00.
3.5	Complied with number 2 engine oil sample.

These items identified above were inspected and/or repaired in accordance with current Federal Aviation Regulations and manufacturer's maintenance publications. The aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station under Work Order Number GMU-238.

Donald Tolar
Printed Name

Donald Tolar
Signature

10-15-2025
Date

54SR161D
Certificate Number