009-004 \$Z



**Engine Certification Log** 

Engine Type Pw2077

Serial No. PCE-SF0136

Book No. 2

les

#### Maintenance Details and Certifications

# This Constitutes a Final Certification in Accordance with CAR42ZE as a Loose Leaf Log Book Entry

CSN: 4136

Model: BELL 427 AF Serial#:

Codem 45 t t co

Job No: 1575

SKYLINE

AF TTIS: 2198.30 AF Cycles: Component Serial #: PCE-BF0136

AF Landings: 6088 TSN: 2148 TSO: Maintenance Release No: A158343 Expired M/Release No: A158400 ----

600hrly Annual inspection

#### The following maintenance tasks carried out:

Task	Code	Description	Action Taken
009	ENGINE INSECTION	150H <sub>r</sub> Powe <sub>r</sub> Check C/O IAW PW207D MM Ch 05-20-00 Table 2	Power Check C/O Refer to Power Figures.
012	ENGINE INSPECTION	12 Month $\rm I_{1}spectio_{1}$ Items C/O IAW PW207D MM Ch 05-20-00 Table 2	12 Month Inspection Items No.2 C/O Ref PW207D MM Ch 05-20-00 Table 2, NDE
013	ENGINE INSPECTION	200 Hour Inspection Items C/O IAW pW207D MM Ch 05- 20-00 Table 2	200 Hour Inspetion Items No.2 C/O Ref PW207D MM Ch 05-20-00 Table 2, NDE

CSO:

#### **Engine Ground Performance Checks:**

Engineer's Name: Licence#: Location: Marks Point

#### S/N # PCE-BF0136 Reading Parameter Target Pressure Alt Feet -40 OAT degrees C 22 Torque Percent 50 Indicated MGT degrees C 741 NG Percent 91.1 Graph TQ Percent 48

For and on behalf of

Co-ordinator's Name:

Signature:

Licence:

Date: 19/05/2020



Salt River Project Flight Services—Bell 427 S/N Date: Feb 14, 2018, ACTT: 2154.0 Hobbs: 2154.0 Landings 5973 R/H ENGINE S/N: BF0136 Eng TT: 2103.7, Eng Start Cycles: 4479

#### MAINTENANCE LOG PAGE: 45

Engine Inspection:

1. Complied with 12 Month visual inspection of the engine. No defects noted

 C/W 100 Hour inspection of the P3 nipple and Oil Shutoff Valve per P&WC PW200 series MM #3043621 dated Dec 15, 2014 and PWC ASB A28293 Rev 1.

3. Performed P3 leak Check.

4. Performed download of the DCU and installed print out of download in the engine maintenance logbook.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Brett Tucker A&P 3229700

Will Barks A&P 3508159



Salt River Project Flight Services-Bell 427 S/N Date: Jan 13, 2018 ACTT: 2135.5 Hobbs: 2135.5 Landings 5941 R/H ENGINE S/N: BF0136 Eng. TT: 2085.2 Eng. Start Cycles: 4452

### MAINTENANCE LOG PAGE: 44

1. Performed bore scope inspection of the compressor and turbine section. Engine was in airworthy condition.

2. Performed power recovery wash per P&WC 207D MM Ch 71-00-00 Pg 706 Par 8 dated Jan 28, 2011.

Leak check and power assurance check with bleed air capped off after drying run was completed. Engine performance margin was within limits. See copies of the power check that are filed in the engine log book.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Mark Praderio

Louis Rulon

Kevin Stalbaum

Will Barks

A&P 521 907400

A&P 3050114

A&P 3508159

Mark Wegele AP 275 1828



Salt River Project Flight Services-Bell 427 S/N Bell 427 S/N Date: Aug 1, 2017 ACTT: 2081.2 Hobbs: 2081.2 Landings 5769 R/H ENGINE S/N; BF0136 Eng. TT: 2030.9 Eng. Start Cycles: 4290

#### MAINTENANCE LOG PAGE: 43

Performed bore scope inspection of the compressor and turbine section. Engine was in airworthy condition. Performed power recovery wash per P&WC 207D MM Ch 71-00-00 Pg 706 Par 8 dated Jan 28, 2011.

Leak check and power assurance check with bleed air capped off after drying run was completed. Engine performance margin was within limits. See copies of the power check that are filed in the engine log book.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Mark Praderio

A&P 21465878

Kevin Stalbaum A&P 3050114

### Barks Willard J (Will)

rom:

Torrisi, Eugene

PWC <Eugene.Torrisi@pwc.ca>

sent:

Wednesday, August 09, 2017 3:01 PM

To:

Barks Willard J (Will)

Subject:

PW207D Pics & EMM Reference

Follow Up Flag: Flag Status: Follow up

Flagged

# \*\*\*SRP EXTERNAL WARNING: IS THIS A SUSPICIOUS EMAIL? IF YOU THINK IT IS - REPORT IT!!\*\*\*

Will,

Ref: Bell 427 Photos vs EMM:

The erosion wear that was found 8 Aug 2017 is acceptable for further service with the caveat that the performance remains within limits. As mentioned the compressor hand/manual wash may help regain a few degrees of MGT Margin.



BF0133 LH C



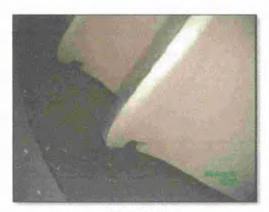
BF0133 LH B



BF0133



BF0136RHB



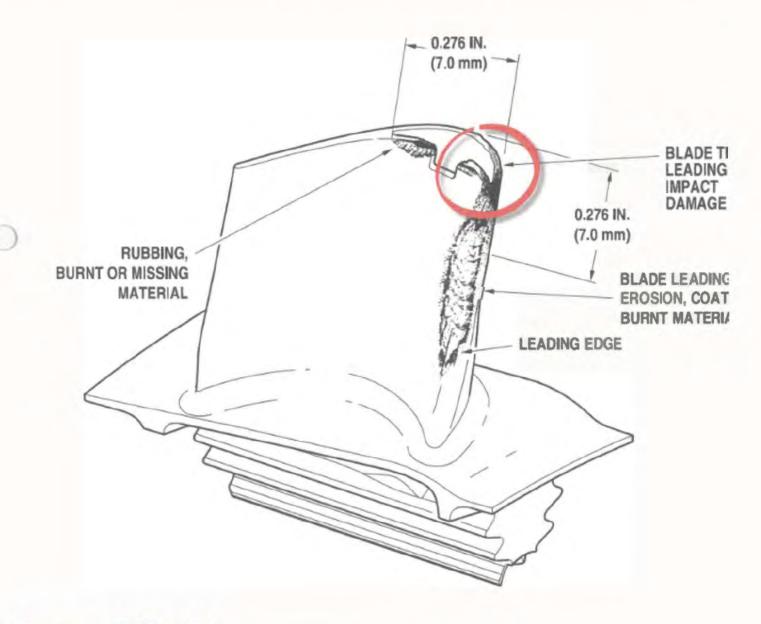
BF0136 RH C



BF0136

## Table 605 Compressor Turbine Blades Inspection (Ref. Figs. and )

Inspection Area	Limits
CT Blade	Rubs and burrs on the blade tip are serviceable.
	Damages shown in Figure 605 are acceptable for further service, provided the engine performance is a ADJUSTMENT/TEST, Power Assurance Check). Further increased erosion, impact damage and blades
	Impact damage, bent tip profile and cracks of the blade tip leading edge up to 0.276 in. (7.0 mm) longs
	Wrinkles on the airfoil which are caused by high creep deformation are unserviceable.
	Cracks in any area other then the above indicated areas are considered unacceptable.



# Lugene L. Torrisi

Senior Field Support Representative Pratt & Whitney Canada Worldwide Support Network Mesa, Arizona, USA Mobile: (1) 505-301-3162 Office: (1) 480-641-9048 Fax: (1) 450-647-9418

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Salt River Project Flight Services Bell 427 S/N Date: July 18, 2017 ACTT: 2078.4 Hobbs: 2078.4 Landings 5761 R/H ENGINE S/N: BF0136 Eng TT: 2028.1, Eng Start Cycles: 4284

#### MAINTENANCE LOG PAGE: 42

- 1. C/W 100 Hour Inspection of the P3 nipple and Oil Shutoff Valve per P&WC PW200 series MM #3043621 dated Dec 15, 2014 and P&WC ASB A28293 Rev 1.
- 2. Performed P3 leak Check.

Louis Rulon A&P 521907400

Mark Praderto A&P 21466878



Salt River Project Flight Services Bell 427 S/N Date: May 13, 2017, ACTT: 2036.1 Hobbs: 2036.1 Landings 5623 R/H ENGINE S/N: BF0136 Eng TT: 1985.8, Eng Start Cycles: 4187

#### MAINTENANCE LOG PAGE: 41

Engine Inspection:

Complied with 12 Month visual inspection of the engine. No defects noted Complied with P&WC SB 28372R2. Sealing of MSS Cavity with RTV.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Brett Tucker A&P 3229700

Louis Rulon A&P 521907400



Salt River Project Flight Services-Bell 427 S/N
Date: March 23, 2017 ACTT: 2011.1 Hobbs: 2011.1 Landings 5532
R/H ENGINE S/N: BF0136 Eng. TT: 1960.8 Eng. Start Cycles: 4129

#### MAINTENANCE LOG PAGE: 41

- 1. Performed power recovery wash per P&WC 207D MM Ch 71-00-00 Pg 706 Par 8 dated Jan 28, 2011.
- 2. Leak check and power assurance check after drying run was completed.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Louis Rulon A&P 521907400 Brett Tucker A&P 3229700

Marsh



Salt River Project Flight Services-Bell 427 S/N Date: March 10, 2017, ACTT: 1997.9 Hobbs: 1997.9 Landings 5498 R/H ENGINE S/N: BF0136 Eng TT: 1947.6, Eng Start Cycles: 4098

#### MAINTENANCE LOG PAGE: 40

Engine Inspection:

- Complied with 100 hour inspection of the P3 nipple and Oil Shutoff Valve, Per P&WC PW200 series MM #3043621 dated Dec 15, 2014 and PWC ASB A28293 Rev 1.
  Performed P3 leak check. No defects noted.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Kevin Stalbaum A&P 3050114

Mark L Praderio A&P 21465878



Salt River Project Flight Services Bell 427 S/N Date: October 24, 2016 ACTT: 1897.6 Hobbs: 1897.6 Landings 5272 R/H ENGINE S/N: BF0136 Eng TT: 1847.3 Eng Start Cycles: 3900

#### MAINTENANCE LOG PAGE: 39

- 1. Performed power recovery wash per P&WC 207D MM Ch 71-00-00 Pg 706 Par 8 dated Jan 28, 2011.
- 2. Leak check and power assurance check after drying run was completed.
- 3. Performed Power Check, no discrepancies noted.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service

Louis Rulon A&P 521907400 Mark Praderio

Kevin Stalbaum A&P 3050<sub>11</sub>4 Will Barks

A&P 3508159



Salt River Project Flight Services Bell 427 S/N Date: June 23, 2016 ACTT: 1846.2 Hobbs: 1846.2 Landings 5069 R/H ENGINE S/N: BF0136 Eng TT: 1795.9 Eng Start Cycles: 3752

#### MAINTENANCE LOG PAGE: 38

 The R/H #2 engine DCU (Data Collection Unit) P/N 3059185-03 S/N DP06-3985 failed. Upon preparation for starting the #2 engine, the #2 engine reverted to MANUAL CONTROL. A start attempt was NOT made. DCU fault codes were displayed and the Cycle counts for the #2 engine were blank when pulled up on the IIDS system.

Installed serviceable (Inspected/Tested) DCU P/N 3059185-03 S/N DP08-5294 per P&WC PW207D Engine MM Chapter 77/41/01 and 71/00/00 Table 501. Last DCU down load was on 05/19/2016 engine TT 1781.6 Cycles 3717.

Comparison to the average cycles per hour for the Impeller, Power Turbine and Compressor Turbine for the #1 engine over the last 14.3 hours logged on the #1 engine since the last cycle's record and when doing a 308.6 hour average of cycles/Flt Hr for both #1 & #2 engine. It was determined that:

- Determined average Impeller Cycles are 1.19 cycles/Flt Hr. 17 cycles will be added. Last down load 1105 adjusted to 1122
- Determined average Compressor Turbine Cycles are 1.9 cycles/Flt Hr. 27 cycles will be added to the. Last down load 2434 adjusted to 2461
- Determined average Power Turbine Cycles is 2.38 cycles/Flt Hr. 35 cycles will be added to the Power Turbine Disk Cycles. Last down load 3351 adjusted to 3385.

All trim numbers were loaded from the last down load printout sheet to the new DCU. Inspection showed that the cycles were displayed on the IIDS. Start up and ground run were normal. Cycle count down load will per performed after test flight.

Will Barks A&P 3508159

Brett Tucker A&P, 322 9700

Mark Pradetjo A&P 21465878



Salt River Project Flight Services Bell 427 S/N Date: June 8, 2016 ACTT: 1837.4 Hobbs: 1837.4 Landings 5037 R/H ENGINE S/N: BF0136 Eng TT: 1787.1, Eng Start Cycles: 3720

#### MAINTENANCE LOG PAGE: 37

 C/W P&WC Alert Service Bulletin A28374. No cracking on Vapor Box. Adjusted clamps on fuel line to obtain required dimensions.

Brett Tucker, A&P, 3229700



Salt River Project Flight Services-Bell 427 S/N Date: May 24, 2016 ACTT: 1832.2 Hobbs: 1832.2 Landings 5033 R/H ENGINE S/N: BF0136 Eng TT: 1782.5, Eng Start Cycles: 3717

#### MAINTENANCE LOG PAGE: 36

1. C/W 50 hour P&WC Engine Data collection unit (DCU) download as required.

Mark Praderio A&P 21465878



Salt River Project Flight Services-Bell 427 S/N Bell 427 S/N Date: April 25, 2016, ACTT: 1820.2 Hobbs: 1820.2 Landings 4988 R/H ENGINE S/N: BF0136 Eng TT: 1769.9, Eng Start Cycles: 33676

#### MAINTENANCE LOG PAGE: 35

Engine Inspection:

 Complied with 12 month general inspection per Table 2, Scheduled Maintenance Checks on the engine per the P&WC 200 series Maintenance Manual #3043612. No defects noted.

Complied with 200 hour inspection of the P3 nipple and Oil Shutoff Valve, Per P&WC PW200 series MM #3043621 dated Dec 15, 2014 and PWC ASB A28293 Rev 1.

Complied with Engine Power Recovery Wash per P&WC 200 series Maintenance Manual #3043612, chapter 71-00-00 page 706 para. 8 dated Jan 28, 2011.

4. Leak check and power assurance check.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Kevin Stalbaum A&P 3050114

Mark | Pradetio ASP 21465878



Salt River Project Flight Services-Bell 427 S/N Date: Feb 16, 2016 ACTT: 1780.3 Hobbs: 1780.3 Landings 4903 R/H ENGINE S/N: BF0136 Eng TT: 1730.0, Eng Start Cycles: 3615

#### MAINTENANCE LOG PAGE: 34

 #2Engine PW207D S/N BF0136, FMM (Fuel Metering Module) P/N 8063-851 S/N 14661205 was leaking from the Splined Drive Shaft Seal. FMM was removed and exchanged for an Overhauled Unit P/N8063-1034 S/N 12274300 from Woodward Inc. FAA Cert #UU2R227L on FAA Form 8130-3 on Work Order #7999301. Overhauled unit was installed per P&WC PW207D MM Ch 71, CH 72 & Ch 73, per BHT-427-MM Ch71 and Ch 76. Ground run, leak and rigging checked good.

Brett Tucker A&P 3229700

Mark Praderio A&P 21465878



Salt River Project Flight Services-Bell 427 S/N Date: Nov 20, 2015 ACTT: 1735.4 Hobbs: 1735.4 Landings 4797 R/H ENGINE S/N: BF0136 Eng TT: 1685.1, Eng Start Cycles: 3522

#### MAINTENANCE LOG PAGE: 33

Engine Inspection:

- Complied with 200 hour inspection of the P3 nipple and Oil Shutoff Valve, Per P&WC PW200 series MM #3043621 dated Dec 15, 2014 and PWC ASB A28293 Rev 1.
- Leak check and power assurance check.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Kevin Stalbaum A&P 3050114

Louis Bulon A&P 521907400



Salt River Project Flight Services-Bell 427 S/N

Date: November 10, 2014 ACTT: 1731.1 Hobbs: 1731.1 Landings 4780

R/H ENGINE S/N: BF0136 Eng TT: 1680.8 Eng Start Cycles: 3508

#### MAINTENANCE LOG PAGE: 32

Performed power recovery wash per P&WC 207D MM Ch 71-00-00 Pg 706 Par 8 dated Jan 28, 2011.
 Leak check and power assurance check after drying run was completed.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Louis Rulon A&P 524907400

Brett Tucker A&P 3229700 Kevin Stalbaum A&P 3050114

Wil Barks



Salt River Project Flight Services—Bell 427 S/N
Date: April 7, 2015 ACTT: 1641.5 Hobbs: 1641.5 Landings 4508
R/H ENGINE S/N: BF0136 Eng TT: 1591.2, Eng Start Cycles: 3306

#### MAINTENANCE LOG PAGE: 31

Engine Inspection:

- Complied with 12 month general inspection of the engine, Per P&WC 200 Series MM #3043612 dated Dec 15, 2014.
- Complied with 200 hour inspection of the P3 nipple and Oil Shutoff Valve, Per P&WC PW200 series MM #3043621 dated Dec 15, 2014 and PWC ASB A28293 Rev 1.
- 3. Performed power recovery wash per P&WC 207D MM Ch 7I-00-00 Pg 706 Par 8 dated Jan 28, 2011.
- 4. Leak check and power assurance check after drying run was completed.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

MarkPrad1466878D

Will Barks A&P 3508159



Salt River Project Flight Services-Bell 427 S/N Date: Oct.16, 2014 ACTT: 1570.5 Hobbs: 1570.5 Landings 4346 R/H ENGINE S/N: BF0136 Eng TT: 1520.2, Eng Start Cycles: 3163

#### MAINTENANCE LOG PAGE: 30

1. C/W P3 airline/fitting at #8 bearing housing inspection per P&WC ASB A28293 Rev 1. Minimal dirt found.

C/W inspection and cleaning of the oil shutoff valve. Minimal dirt found.
 Leak check performed, No defects noted.

Kevin Stalbaum A&P 3050114

16 P. s



Salt River Project Flight Services-Bell 427 S/N Date: September 12, 2014 ACTT: 1555.2 Hobbs: 1555.2 Landings 4262 R/H ENGINE S/N: BF0136 Eng TT: 1504.9 Eng Start Cycles: 3126

#### MAINTENANCE LOG PAGE: 29

Performed power recovery wash per P& WC 207D MM Ch 71-00-00 Pg 706 Par 8 dated Jan 28, 2011. Leak check and power assurance check after drying run was completed

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service,

> Louis Rulon A&P5 21907400

Mark Praderio

A&P 21465878



Salt River Project Flight Services-Bell 427 S/N
Date: March 19, 2014 ACTT: 1482.1 Hobbs: 1482.1 Landings 3998 R/H ENGINE S/N: BF0136 Eng TT: 1431.8, Eng Start Cycles: 2932

#### **MAINTENANCE LOG PAGE: 28**

- C/W P3 airline/fitting at #8 bearing housing inspection per P&WC ASB A28293 Rev 1. Minimal dirt found.
- C/W inspection and cleaning of the oil shutoff valve. Minimal dirt found.
- C/W 12 month inspection per P&WC 207D Engine MM Ch 05-20-00 Table 2.
- C/W 800 Hr inspection per P&WC 207D Engine MM Ch 05-20-00 Table 2.
- Installed 1 each new fuel filter P/N 3059779-01 with new seals and o rings per P&WC PW207D MM Ch 73-21-50 Rev 12.
- Installed 1 each new oil filter P/N 3059678-01with new seals and 0 rings per P&WC PW207D MM Ch 79-20-00 Rev 26.
  Installed 2 each new igniters P/N 3120880-01 with new gaskets. P&WC PW207D MM Ch 74-11-00 Rev 9. Function check completed.
- Removed and replaced the fuel nozzles 7 each P/N 3056565-03 and 5 each 3056042-02 with new gaskets and seals per P&WC PW207D MM Ch 73-11-10 Rev 9, 73-11-40 Rev 26 and 73-11-60 Rev 5 See Part 4 accessory tracking section for nozzle serial numbers.

Power assurance check recorded and reviewed with trends. Passed. Leak check performed, No defects noted

Mark Wesele AIP 2751828



Salt River Project Flight Services-Bell 427 S/N Date: Jan 14, 2014 ACTT: 1463.5 Hobbs: 1463.5 Landings 3947 R/H ENGINE S/N: BF0136 Eng TT: 1413.2 Eng Start Cycles: 2894

#### MAINTENANCE LOG PAGE: 27

Performed power recovery wash per P&WC 207D MM Ch 71-00-00 Pg 706 Par 8 dated Jan 28, 2011.

Leak check and power assurance check after drying run was completed.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service

Louis Rulan

Brett Tucker

Mark Praderio

A&P 521907400

A&P32297 00 A&P21,465878



Salt River Project Flight Services-Bell 427 S/N Bate: June 18, 2013 ACTT: 1349.6 Hobbs: 1349.6 Landings 3593 R/H ENGINE S/N: BF0136 Eng TT: 1299.3 Eng Start Cycles: 2663

#### MAINTENANCE LOG PAGE: 26

1. Performed power recovery wash per P&WC 207D MM Ch 71-00-00 Pg 706 Par 8 dated Jan 28, 2011.

Complied with P&WC ASB A28293R1 inspection and cleaning of the P3 air line at the #8 bearing housing and inspection of the oil shutoff valve for dirt contamination. Moderate to light contamination found and removed.

3. During drying run the triple function fuel switch illuminated the "Fuel Filter" warning on shutdown. On the flight the day prior the low fuel pressure warning illuminated on startup but extinguished once the engine was run up to flight ide, proper fuel pressure was confirmed on the IDDS maintenance page. Removed, inspected and reinstalled the original fuel filter. Filter was clean and serviceable.

Removed bad Triple Switch P/N 3072880-01 S/N HE0754. Installed new Triple Switch P/N 3076659-01 S/N HEA0700046 with all new O rings. Ground run for function check and leak check performed. No defects noted.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

> Louis Rulon A&P 521907400

Kevin Stalbaum A&P3050114 Mark Praderio

A&P 21465878



Salt River Project Flight Services-Bell 427 S/N Date: March 8, 2013 ACTT: 1287.3 Hobbs: 1287.3 Landings 3375 R/H ENGINE S/N: BF0136 Eng TT: 1237.0, Eng Start Cycles: 2505

#### MAINTENANCE LOG PAGE: 25

C/W FAA AD 2013-03-21 and P&WC ASB #A28311R2 dated July 24, 2012. Complied with P&WC ASB #A28311R2, Performed log book verification of the heat code on the PT disk. This engine has PT Disk P/N 3044188-01 S/N A001YL86 Heat code: EPEDY. This disk is not affected by this SB. No further action required.

 C/W Pratt and Whitney Canada 12 month general inspection of the engine per MM #3043612 Temp Rev #05-9 dated Jun 14/2012

Will Barks A&P 3608159



Salt River Project Flight Services-Bell 427 S/N Date: Dec 20, 2012 ACTT: 1250.6 Hobbs: 1250.6 Landings 3246 R/H ENGINE S/N: BF0136 Eng TT: 1200.3, Eng Start Cycles: 2437

#### MAINTENANCE LOG PAGE: 24

C/W P3 airline/fitting at #8 bearing housing inspection per P&WC ASB A28293 Rev 1, Minimal dirt found.
 C/W inspection and cleaning of the oil shutoff valve. Minimal dirt found.

Leak check performed, No defects noted.

Louis Rulon A&P 521907400

Will Barks A&P 3508159

Kevin Stalbaum A&P 3050114



Salt River Project Flight Services-Bell 427 S/N Date: Oct 04, 2012 ACTT: 1230.4 Hobbs: 1230.4 Landings 3232 R/H Engine S/N: BF0136 Eng TT: 1180.1, Eng Start Cycles: 2385

#### Maintenance Log Page 23

### Discrepancies:

Pilot reported #2 Engine (PCE-BF0136) fuel filter light coming on at start-up and before shut-down. Troubleshot problem, checked fuel filter for debris and found good, removed engine triple switch P/N: 3072880-01, S/N: NHE0344 and installed new serviceable triple switch P/N: 3072880-0, S/N: HE0754 as per PW207D-M/M-Chapters 73-21-50 and 73-31-00. Ground run and leak checked OK.

Brett Tucker A&P 3279700



Salt River Project Flight Services-Bell 427 S/N
Date: July 24, 2012 ACTT: 1198.9 Hobbs: 1198.9 Landings 3109
R/H ENGINE S/N: BF0136 Eng TT: 1148.6, Eng Start Cycles: 2312

#### MAINTENANCE LOG PAGE: 22

P&WC ASB #A28311R2 dated July 24, 2012.

Complied with P&WC ASB #A28311R2, Performed log book verification of the heat code on the PT disk. This engine has PT Disk P/N 3044188-01 S/N A001YL86 Heat code: EPEDY. This disk is not affected by this SB. No further action required.

Will Bark s A&P 350859



Salt River Project Flight Services-Bell 427 S/N Date: July 24, 2012 ACTT: 1198.9 Hobbs: 1198.9 Landings 3109 R/H ENGINE S/N: BF0136 Eng TT: 1148.6, Eng Start Cycles: 2312

#### MAINTENANCE LOG PAGE: 21

P&WC ASB #A28341 dated Jun 14, 2012.

Complied with P&WC ASB #A28341, performed ground run checks per ASB, recorded information from runs. Inspected P3 nipple and OSOV and found very light contamination. Ground run passed check, Tq indication variation was less than 10%. Per ASB, information was emailed to P&WC. SRP has had a 100 hour inspection and cleaning requirement on the P3 Nipple and OSOV since 2009. The 100 hour inspection interval will remain in place. No further action required.

Will Barks A&P 35:08159



Salt River Project Flight Services-Bell 427 S/N
Date: June 18, 2012 ACTT: 1165.5 Hobbs: 1165.5 Landings 3035
R/H ENGINE S/N: BF0136 Eng TT: 1115.2 Eng Start Cycles: 2249

#### MAINTENANCE LOG PAGE: 20

1.Performed power recovery wash per P&WC 207D MM Ch 71-00-00 Pg 706 Par 8 dated Jan 28, 2011. 2. Performed power assurance check after drying run was completed.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Brett Tucker A&P 3229700 Louis Rulon A&P 521907400 Kevin Stalbaum A&P 3050114 Mark P

A&P 2465878



# Task Card SALT RIVER PROJECT

Registration Number :

Serial Number :

Make: BELL

Model: 427

A/C Maintenance Manual Rev: REV 14

Eng Maintenance Manual Rev: REV 24

Main + hus fast 19

REPORT DATE RANGE: 12/18/2011 TO 01/01/2012

HOBBS: 1080.8

RIN-AIRFRAME: 2768

HOURS-ENGINE 2: 1030,5

CYCLES-CARGO SUSPENSION: NA

HOURS-AIRFRAME: 10 80, 8

HOURS-ENGINE 1: 1030.5

CYCLES-ENGINE 2: 20 46

LANDINGS: 2768

CYCLES-ENGINE 1: 2046

HOURS-HOOK: NA

REFERENCE ATA CAPTER	TASK DESCRIPTION	PART NUMBER SERIAL NUMBER	CORRECTIVE ACTION / COMMENTS	TECH	TIALS / STAMP INSPECTOR DATE / OTHER	MAN HOURS
EM 05-20-00 TABLE 2 72 . Engine Turbine	100 HOUR WASH - ENGINE #2	PW <b>2</b> 07D BF0136		200	1/13/	

Complied with the above maintenance requirement(s) in accordance applicable maintenance instruction manual(s) noted in the reference column.

"I certify that this aircraft has been Repaired or Inspected in accordance with the applicable maintenance manuals or inspection programs noted in the reference column above and that the aircraft is determined to be in airworthy condition."

Date Work Accomplished:

Technician Signature:

Inspected By:

Certificate Type and Number:

Certificate Type and Number:

Print Date: 12/14/2011 12:44

Page: 13 Of 15



Form#: SBTC Ver 4.5

# Task Card SALT RIVER PROJECT

		Serial Number:		Maintenance Page #18 WORK ORDER NUMBER: 19 1012
	HOBBS: 1065,5  RIN-AIRFRAME: 2749  IOURS-ENGINE 2: 1015,2  GO SUSPENSION: 11	HOURS-	ENGINE 1: 1015.2 ENGINE 2: 2030	CYCLES-ENGINE 1: 2030 HOURS-HOOK: 7.7
REFERENCE ATA CAPTER	TASK DESCRIPTION	PART NUMBER SERIAL NUMBER	CORRECTIVE ACTION / COMMENT	INITIALS / STAMP TECH INSPECTOR DATE / MAN TS OTHER HOUR:
Cust Insp 72 . Engine Turbine	100 HOUR MAIN OIL FLOW VALVE INSPECTION - ENGINE #2 - ENGINE ;	PW207D	Cleaned & Che oh	Jan 14/19/
Complied with the above	maintenance requirement(s) in accorda	nce applicable maintenance i	instruction manual(s) noted in the reference c	olumn.
"I certify that this aircraft that the aircraft is determ	has been Repaired or Inspected in acco ined to be in airworthy condition."	ordance with the applicable m	naintenance manuals or inspection programs	noted in the reference column above and
Date Work Accomplished	12-19-11			
Technician Signature:	FOX Mile	Certifica	ate Type and Number:	19076/00
Inspected By:		Certifica	ate Type and Number:	

Print Date: 12/14/2011 12:44

Page: 120f15



Salt River Project Flight Services-Bell 427 S/N
Date: Dec 01, 2011 ACTT: 1058.3 Hobbs: 1058.3 Landings 2723
R/H ENGINE S/N: BF0136 Eng TT: 1008.0, Eng Start Cycles: 2009

#### MAINTENANCE LOG PAGE: 17

#### Engine Unscheduled Maintenance:

Triple fuel switch was indicating intermittent fuel bypass indication on shutdown. Removed, inspected and reinstalled the

original fuel filter. Filter was clean and serviceable.

Removed bad Triple Switch P/N 3072880-01 S/N HE0559, Installed repaired Triple Switch P/N 3072880-01 S/N HE0344. Switch was repaired by Hydra Electric Company, FAA Cert# A C3R366L. on FAA 8130-3 work order #156512, dated May 28, 2009. Ground run and leak check performed. No defects noted.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

> Louis Rulon A&P 521907400

Brett Tucker

A&P 3229700



Salt River Project Flight Service Bell 427 S/N
Date: June 26, 2011 ACTT: 953.3 Hobbs: 953.3 Landings
R/H ENGINE S/N: BF0136 Eng TT: 903.0, Eng Start Cycles: 1843

#### MAINTENANCE LOG PAGE: 17

#### Engine Service Bulletin:

1 Complied with Pratt and Whitney Canada Service Bulletin #28207R2 Dated May 19, 2011. Removed lift bracket and inspected engine flange for cracks. No defects noted. Removed bracket and reinstalled hardware.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Brett Tucker A&P3229700 Brett Tuck



Salt River Project Flight Services-Bell 427 S/N Date: May 24, 2011 ACTT: 926.5 Hobbs: 926.5 Landings 2476 R/H ENGINE S/N: BF0136 Eng TT: 875.2, Eng Start Cycles: 1800

#### MAINTENANCE LOG PAGE: 16

Engine Unscheduled Maintenance:

Pilot noted an LCF counting error and DCU failure caution on shut down. Down loaded the DCU and found cycle counts
to be low. I Removed the old DCU P/N 3059I85-03 S/N DP06-3920. With the assistance of Eugene Torrisi our P&WC
Field Rep we uploaded the information to the new DCU P/N 3059I85-03 S/N DP06-3985. I installed a new DCU on the
engine, Powered up the system and did three starts and shut downs to confirm cycle counting was being recorded. No
further defects noted. Cycle counts read as: PT 1608, CT 1200, IM 271.

I certifythat the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Will Barks

A&P3508159



Salt River Project Flight Services Bell 427 S/N Date: APRIL 12, 2011 ACTT: 889.9 Hobbs; 889.9 Landings 2398 R/H ENGINE S/N: BF0136 Eng TT: 837.7, Eng Start Cycles: 1724

#### MAINTENANCE LOG PAGE: 15

Engine Inspection and lubrication:

- C/W 100 Hr P3 Feed Nipple Inspection per Pratt & Whitney P200-MM and SRP guild Lines. Very minor amounts of dirt found. Cleaned and reinstalled as required per MM, leak check performed. No defects noted.
- C/W 100 Hr Oil Flow Valve Inspection per Pratt & Whitney P200-MM and SRP guild Lines. Very minor amounts of dirt found. Cleaned and reinstalled as required per MM, leak check performed. No defects noted.
- C/W 12 Month Scheduled Maintenance Checks of the Power Section per PW&C 207D MM Ch 5-20-00 Table 1.
- 4. Ground run and leak checked OK. Re-serviced engine oil as required.

I certify that the above stated maintenance and /or inspections were performed in accordance with the current regulations of the FAA and the aircraft identified above is presently airworthy and approved for return to service.

Brett Tucker

A&P3229700

Louis Rulon A&P 521907400 Mark Praderio

Will Barks A&P3508159 Kevin Stalbaum A&P 3050114

> Dave Swift A&P 3049711



		enance Transaction Re	eport is Solely For Engine 2	(select below) Serial No.		BF0136				to SkyBOO Form Field		Maintenan Log Pag		
			-7.7		Aire	craft Ide	entification Statu	IS		77.5	- 6			
	A/C Serial	No. A/C Un	iit No.	A/C Registration No.	Date (MoDa 12-11-20		City Identifier PHX		C Hours 3.9	Total AC		tal Engine Hours 763.6	Total Engine	
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1	1	Air Blast Fuel Noz	zle	3056565-03		DE1AL	L1126		s	0		0.0		
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3	1	Air Blast Fuel Noz	zle	3056565-03		DE1AL	L0722		S	0		0.0		
4	1	Air Blast Fuel Noz	zle	3056565-03		DE1AL	L0719		S	0		0.0		
5	1	Air Blast Fuel Noz	zle	3056565-03		DE1AL	L0720		S	0		0.0		
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7	2								S	S				
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5	CW 800	hr fuel nozzle R&R	IAW P&WC 20	7D MM 5-20-00 Table 1	and Ch 73-11-	40 Leak	check and Ops che	ck C/W. No	defects	noted.				
6														
7				16/										_
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1	1	Hybrid Fuel Nozzle	3056042-02		DE1A	MF1350		S	0		0.0		
2	1	Hybrid Fuel Nozzle	3056042-02		DE1A	ME1664		S	0		0.0		
3	1	Hybrid Fuel Nozzle	3056042-02		DE1A	ME1623		S	0		0.0		
4	1	Hybrid Fuel Nozzle	3056042-02		DE1T	S16090		S	0		0.0		
5	1	Hybrid Fuel Nozzle	3056042-02		DE1A	ME1655		S	0		0.0		
6	1	Air Blast Fuel Nozzle	3056565-03		DE1A	LL0721		S	0		0.0		
7	1	Air Blast Fuel Nozzle	3056565-03		DE1A	LL0725		S	0		0.0		
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5	C/W 800	hr fuel nozzle R&R IAW P&V	VC 207D MM 5-20-00 Table 1	and Ch 73-11-	40 Leak	check and Ops che	ck C/W.	No defects	noted.				
6	C/W 800	hr fuel nozzle R&R IAW P&V	VC 207D MM 5-20-00 Table 1	and Ch 73-11-	40 Leak	check and Ops che	ck C/W.	No defects	noted.				
7	C/W 800	hr fuel nozzle R&R IAW P&V	VC 207D MM 5-20-00 Table 1	and Ch 73-11-	40 Leak	check and Ops che	ck C/W.	No defects	noted.				
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1	1	Ignitor Plug (two e	ach)	CH34723		NSN			W	N		Indiane 7 are	7,740	Tious
2	2	C/W 800 hr engine	inspection						S	N				
3	2	C/W 12 month ins	pectionof											
4	2	100 Hr FMM P3 N	NIPPLE INSP											
5	2	100 Hr MAIN OIL	FLOW VALVE											
6	1	Fuel Fitler Elemen	t	3070220-01		NSN			S	N				
7	1	Oil Filter Element		3059678-01		NSN			S	N				
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1000	C/W P&\	WC 800 hr inspection	on of both ignitor	pugs IAW PW&C 207D	MM Ch 5-20-0	0 table 1.	Found plugs worn	to limits	. R&R 2 Plu	igs IAW Ch	74-11-00. Perf	ormed Ops check	no defects n	noted.
2	C/W 800	hr inspection of Po	wer Section BF0	0136 IAW P&WC 207D	MM Ch 5-20-00	Table 1.								
3	C/W 12 i	month inspection of	Power Section I	BF0136 IAW P&WC 207	7D MM Ch 5-20	-00 Table	1.							
4	C/W 100	HOUR FMM P3 F	EED NIPPLE INS	SPECTION. Minor dirt c	ontamination fo	und. Fitting	g cleaned and rei	installed.	Performed	leak check,	no defects note	ed.		
5	C/W 100	HOUR MAIN OIL I	LOW VALVE IN	SPECTION, Minor dirt	contamination f	ound. Cap	and valve cleane	ed and re	installed. Pe	erformed lea	k check, no de	fects noted.		
6	C/W 800	hr fuel filter R&R Ir	nstalled new filter	r with new O rings IAW	P&WC 207D M	M Ch 5-20	-00 Table 1 and	Ch 73-11	-40. Leak c	heck and Op	s check C/W.	No defects noted	,	
7	C/W 800	hr oil filter R&R. In	stalled new filter	with new O rings IAW F	P&WC 207D MN	/ Ch 5-20-	00 Table 1 and 0	ch 79-21-	00. Leak ch	neck and Ope	s check C/W. I	No defects noted.		
		48P 3508159 Facility: Salt River							ove stated n ulations of t		and/or inspect	ion was performe	d in accordar	nce
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1 1	Triple function sw	vitch	3072880-01		HE0559			U	N				
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2 Pratt a 3 4 5	and Whitney PW2070	O maintenance m	anual Chapter 73-31-00	). Ground run an	id leak ched	k performed. Sy	/stem fui	nctions norn	nally no defe	cts noted.			
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Repa	ir Facility: Salt River	r Project				with the cu	rrent reg	gulations of t	he:		on was performe	ed in accorda	nce
	fied Repair on No.:		Work Order	#:					Other (		approved for ret	urn to service	2
Certif	ficate #: A&P 3229	9700	Brett Tucker	Date: 10-01	1-2010	Certificate	#: <u>A&amp;</u> F	52190740	0	Louis H. F	Rulon Date:	10-01-2010	
Wor	rk formed By: Bu	H Jus	3/m			Work Inspected	By;	Pare.	The	>			



	<sup>r</sup> his Mainte	enance Transaction Rep	port is Solely For (	(select below)			Submit	to SkyBOC	OKS	Salara and		
	Tran	nsaction For:	Engine 2	Serial No.	BF01	36	Reset	Form Field	ls	Maintenan Log Pag		
		500 - E 10	2000		Aircraft	Identification State	ıs	10 m 25			100	
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3	C/VV 100	TIK OII Flow valve I	nspection and c	dearning per Povice Pvi	200 WIN AND SKE 9	uide lilles. Ol odild full	and leak checked g	dou, no dere	cto noted.			
4												
5												
6												
7												
	Danair F	Facility: Salt River P	ralant				at the above stated in arrent regulations of		and/or inspect	tion was performe	ed in accorda	nce
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	Station I	610 to 124 to 200		Work Order	#:	and the air	craft identified abov	e is presently	airworthy and	d approved for ret	urn to service	3.
	Certifica	ate #: A&P 52190	7400	Louis H. Rulon	Date: 09-23-20	10 Certificate	#: A&P 21465878	3	Mark L. Pr	aderio Date:	09-23-2010	
	Work Performed	OBy to w	1.			Work Inspected	1 By: 71/m	Min	John	7		



7		nce Transaction Rep	eort is Solely For			<del>50059</del>	BF0136			to SkyBOO Form Field		Maintenan Log Pag		
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,	√C Serial No	. A/C Unit	No.	A/C Registration No.	Date (MoDa	ay-Yr.)	City Identifier PHX	Total	AC Hours	Total AC	Landings To	otal Engine Hours 650.8	Total Engine	
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7	Repair Fac Certified Ri Station No. Certificate : Work Performed	#: Louis Rulon	A&P 5219074	Wark Order		16-2010	with the cu	rrent regular Aviation craft identifier Mark	ilations of t n Admin. ified above	he: Other (	Specify)	on was performe approved for reti		

Revisi 01070



This Maintenance Transact	ion For: Engine		BF0130	3		to SkyBOO Form Field		Maintenan Log Pag		
			Aircraft Id	entification Statu	ıs	777				
A/C Serial No.	A/C Unit No.	A/C Registration No.	Date (MoDay-Yr.) 03-10-2010	City Identifier PHX	Total AC Hours 674.3	Total AC	200	otal Engine Hours 624.0	Total Engine	. 10.11
2	C	omponent Changes, Ir	spections, Service	Bulletins, or Air	worthiness Direc	tive Accon	plished	E - 179		THE
Transaction No. Type *	Item Name	Installed Vendor I	Part Number	Installed Serial Numb	er Reason	*Installed Part Status	TBO (Enter # Chg Desired)	TSO Installed Part	Materials Costs	Man Hours
1 2 100	Hr P3 Feed Nipple Insp									
2 2 100	Hr Oil Flow Valve Insp									
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2 C/W 100 Hr C	bished Complished Comp		ce Comments Inclu M and SRP guild lines.	s - Scheduled N - G U - Unscheduled ding: Test / Calib Very minor amounts	convenience other (Noted Below) ration Dates, Rel of dirt found. Cleane	moved Ser	Repaired 0 - ial Numbers ed leak check	Serviceable Overhauled  , Etc. ed, no defects no		ne .
3 4 5 6 7										
Repair Facilit Certified Rep Station No.: Certificate #: Work Performed E	Brett Tucker A&P 3229		r#	with the cu	at the above stated reprent regulations of all Aviation Admin.  craft identified above  #. Will Barks A&P	the: Other ( e is presently	Specify)			9.



	intenance Transaction F ansaction For:	Report is Solely Fol		B	F0136				to SkyBO O		Maintenan Log Page		
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A/C Se	rial No. A/C U	nit No.	A/C Registration No.	Date (MoDay 12-17-200		City Identifier PHX	1,750.70	AC Hours 306.1	Total AC		555.8	Total Engine	
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1 1	Installed engine p	ost repair.	PW207D		BF0136			U	R				
2													
3													
4													-
6													+
7													+
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			MM and P&WC PW2070					rent Rotatir	ng componer	nt life cycle info	rmation in log bo	ok,	
3 Perfor	med leak check and	recorded ground	run engine data. C/W E	ngine Power As	surance ru	n. No defects no	ted.						
5												_	
6													
7													
K O	MAP 31500 ir Facility: Salt River		TOOLDA 308-	727423		with the cu	rrent regu	ulations of t	he:		on was performe	d in accordar	nce
	ied Repair n No.:		Work Order	#:				n Admin. itified above	Other (		approved for reti	urn to service	<u> </u>
Work	2000	derio A&P 21465	878	Date: 12-17	-2009	Certificate Work		Barks A&P	512216573		Date: _	12-17-2009	



	intenance Transaction Repartment of the Internation For:	Engine 2	ect below) Serial No.	BF01	36		t to SkyBOC		Maintenan Log Pag		
	1 2 2	N = 10	1	Aircraft	Identification Stat	us	3.50		87775		
A/C Ser	ial No. A/C Unit	No. A/C	Registration No.	Date (MoDay-Yr.) 08-17-2009	City Identifier PHX	Total AC Hours 555.8		Landings To	otal Engine Hours 555.8	Total Engine	
		Compo	nent Changes, Ins	spections, Service	e Bulletins, or Air	worthiness Direc	tive Accor	nplished			
Transaction		ime	Installed Vendor P	art Number	Installed Serial Num	r *Removal	*Installed Part Status	TBO (Enter # Chg Desired)	TSO Installed Part	Materials Costs	Man
1 1	Removed engine for	r repair									
2											
3											
5	+										
6											
7											
1 - Compone 2 - Inspection 3 - Service B	n Accomplished ulletin Accomplished less Directive Accomplished	Section below. Ma to the Transaction	of compliance in the Comm to the Comments Reference # for easy reference.	ce #		Convenience Other (Noted Below)	N - R -	Repaired 0-	Serviceable Overhauled	or Overhauled Pa nter the Overhau Igent's name in th Comments Section	e
100	ved SRP property PW2	207D engine S/N 0	136 for repair due to	loss of MGT margin	Engine removed IAV	V BHT-427-MM and	P&WC PW2	207D MM's. Su	pporting ECTM p	erformance d	ata is
	ed in the engine log bo										
	arness P/N CH53442-4					S/N CL051895. SF	RP retained th	ne above items	on the airframe f	or installation	
4 conve	enience. Repair work to	be performed IAV	P&VVC VVork Autho	nzation number vvA	2/632 Rev 3.						-
6											
7											
Repai Certifi Statio Certif		Project, Flight Opera	Work Order	MAR 1421465	with the c  √ Feder  and the air	at the above stated urrent regulations of all Aviation Admin.  rcraft identified above:  A&P 52121657	the: Other	(Specify)	2		



This Maint	enance Transaction F	Report is Solely For	(select below)			Submit	to SkyBOC	OKS			
Tran	nsaction For:	Engine 2	Serial No.	BF013	36	Reset	Form Field	s	Maintenar Log Pag		
	1 1 1 1 1 1			Aircraft	Identification Statu	S		75.03		915	
T	A/C (	Jhit No.	A/C Registration No.	Date (MoDay-Yr.) 04-03-2009	City Identifier PHX	Total AC Hours	Total AC	Landings T	otal Engine Hours 493.1	Total Engine	
	The same	Com	ponent Changes, In	spections, Service	e Bulletins, or Airw	orthiness Direc	tive Accon	nplished			
ransaction o. Type*	item	Name	Installed Vendor I	Part Num ber	Installed Serial Number	*Removal Reason	*Installed Part Status	TBO (Enter# Chg Desired)	TSO Installed Part	Materials Costs	Man Hours
2	Bora-scope insp	of Comp turbine									
											-
		-					-				-
			1								
ansaction T	ype (Enter One):	,									
- Component - Inspection A - Service Bull	Change	Section below to the Transa	thod of compliance n the Comm w. Match the Comments Referencetion # for easy reference.			Enter One):onvenience ther (Noted Below)	N-		Serviceable Overhauled	For Overhauled Pa enter the Overhau Agent's name in th Comments Section	il. he
		This Space Fo	or Other Maintenand	e Comments Incl	The second second	ation Dates, Re	moved Ser	ial Numbers	, Etc.		
Remove	d two fuel nozzles	at the 1 and 2 O'	Clock positions to acco	mmodate bora-scope	inspection of the Com	pressor Turbine. In	stalled the n	ozzles and ma	nifolds with new	O rings and	
Line #1	continued: gaskets	s. All work done IA	AW P&WC PW207D M/N	1 Chapter 73-11-40.							
					I certify that	the above stated i	maintenance	and/or inspect	ion was performe	ed in accorda	nce
Repair	Facility: Salt River	r Project				rent regulations of		(Charifu)	and the same of th		
Certified	d Repair No.:		Work Order	#:		Aviation Admin.		(Specify)	approved for rei	turn to service	
Certifica	ate #: A&P5212	216573Will Barks	LA Maria	- Date: 04-03-200		#: A&P 52121657		· HUD	Date:	04-03-2009	
Work Perform			EROSALE - PARTIES		Work			and to			



	Component Changes, Inspection action Type *  AD2009-03-05  Item Name Installed Vendor Part Number  AD2009-03-05  Installed Vendor Part Number  AD2009-03-05  Installed Vendor Part Number  AD2009-03-05  Detail the method of compliance in the Comments Section Accomplished roce Bulletin Accomplished worthiness Directive Accomplished  Transaction # for easy reference.	BF01:	36		to SkyBOO Form Field		Maintenan Log Page				
-	Pransaction For: Engine 2 Serial No.  Berial No. A/C Unit No. A/C Registration No. Date (Mo 04-01)  Component Changes, Inspections  Item Name Installed Vendor Part Number  AD2009-03-05  Detail the method of compliance in the Comments Section below. Match the Comments Reference # to the Transaction # for easy reference  This Space For Other Maintenance Commenter of AD 2009-03-05 has been complied with by Pratt and Whitney prior  air Facility: Salt River Project	Aircraft	Identification Statu	c				-179			
A/C Seria	INo. A/C L	Init No.	A/C Registration No.	Date (MoDay-Yr.) 04-01-2009	City Identifier PHX	Total AC Hours	Total AC	Landings To	otal Engine Hours 489.4	Total Engine	
		Com	ponent Changes, In	spections, Servic	e Bulletins, or Airv	vorthiness Direc	tive Accon	nplished			
ansaction . Type *	ltem	Name	Installed Vendor F	art Number	Installed Serial Numb	*Removal Reason	*Installed Part Status	TBO (Enter # Chg Desired)	TSO Installed Part	Materials Costs	Man
4	AD2009-03-05										
											-
											-
											-
	-		-								-
Airworthines	ss Directive Accomplishe	This Space Fo	or Other Maintenanc	CONTRACTOR OF THE	S - Scheduled N - O U - Unscheduled uding: Test / Calibi	THE RESERVE OF THE PARTY OF THE	R- moved Ser	Repaired o-	, Etc.	igent's name in a Comments Sectio	
The inte	nt of AD 2009-03-0	05 has been comp	lied with by Pratt and V	Vhitney prior to delive	ry of the engines to Be	ell Helicopter at the	Pratt and Wh	itney Assembi	y plant.		
_											
Repair	Facility: Salt River	r Project			with the cui	t the above stated i rrent regulations of		and/or inspect	ion was performe	ed in accorda	ance
	d Repair		100000000000000000000000000000000000000	4		Aviation Admin.	Land Control of	Specify)			_
Station			WorkOrde	r#:		craft identified abov		. 4/	approved for ret	urn to service	e.
Certific	ate#: A&P 5212	216573 Will Barks	Lind Hille	Date: 04-01-200		#: A&P 52121657	3 Will Barks	hand the	Date:	04-01-2009	9_
Work	med By:				Work Inspected	200					



Transac	tion For: Engine		В	3F0136			it to SkyBO0		Maintenar Log Pag		
2000	Farmer 18	TT TO THE TOTAL PROPERTY.	Airc	raft Identifi	cation Statu	5			-	-17	
A/C Serial No.	A/C Unit No.	A/C Registration No.	Date (MoDay	/-Yr.) Ci	ty Identifier PHX	Total AC Hour	100000	Landings T	otal Engine Hours 466.3	Total Engine	
	С	omponent Changes, In	spections, Se	ervice Bulle	tins, or Airv	orthiness Dir	ective Acco	nplished			
nsaction Type *	Item Name	Installed Vendor F	art Number	Install	ed Serial Number	*Remov		TBO (Enter # Chg Desired)		Materials Costs	Man
	el Triple Switch	3072880-01		HE0490		U	N	l l l l l l l l l l l l l l l l l l l			Tious
											-
ensaction Type (E Component Chang Inspection Accomp Service Bulletin Ac Airworthiness Dire	pe Detail the Section I	e method of compliance in the Comn nelow. Match the Comments Refere ansaction # for easy reference.			duled N - O	(Enter One): onvenience ther (Noted Below)	N-		Serviceable Overhauled	for Overhauled Pa inter the Overhau igent's name in the comments Section	е
Removed an	This Space d replaced fuel triple switch	For Other Maintenanc P/N 3072880-01 S/N 0330	The state of the s	NAME OF TAXABLE PARTY.		A STATE OF THE PARTY OF	English Street	THE PERSON NAMED IN		ation interme	nt.

Revised 010709



This Maintenance Transaction Report Is Solely For (select below)  Transaction For: Engine 2 Serial No. BF0136				136		to SkyBOO Form Field		Maintenance Log Page: 2			
	4 7 7 7	100		Aircraft	t Identification State	ıs	-	-		110	
	AS CHICNO. AN			Date (MoDay-Yr.) 02-13-2009	City Identifier PHX	Total AC Hours 450.9	Total AC	Landings To	Total Engine Hours 450.9	Total Engine Cycles 968	
No.		Compo	onent Changes, In	spections, Servi	ce Bulletins, or Air	vorthiness Direc	tive Accon	nplished			
Transaction No. Type*			Installed Vendor Part Number		Installed Serial Number Reason		l "Installed TBO (Enter # Part Status Chg Desired)		TSO Installed Part	Materials Costs	Man Hours
1 1	C/W 10hr Power	performance ck									-
3											+
4											+
5											
6											
7 Transaction 1	ype (Enter One):	2									
4 - Airworthine		Section below. No to the Transaction	d of compliance in the Comm fatch the Comments Refere in # for easy reference.	nce #	S - Scheduled N - C U - Unscheduled	onvenience other (Noted Below)	N - R -	Repaired 0-	Serviceable Overhauled	For Overhauled Parter the Overhau Agent's name in the Comments Section	ii he
Ref No. 1 C/W SR 2	P imposed 10hr Po				cluding: Test / Calib gram. Engine passed wi		moved Ser	ial Numbers	, Etc.		
3 4											
5		0									
6											
7											
Repair	Facility: Salt River	r Project				at the above stated i		and/or inspect	ion was perform	ed in accorda	nce
Certified Repair				✓ Feder	Federal Aviation Admin. Other (Specify)						
Station No.: Work Order#:				and the air	and the aircraft identified above is presently airworthy and approved for return to service.						
Certific	ate #: A&P 5212	216573 Will Barks	Walkell	Date: 02-13-20	009 Certificate	#: A&P 52121657	3 Will Barks	Gut //	Date:	02-13-2009	9
Work Performed By:				Work Inspected	Work Inspected By:						



This	This Maintenance Transaction Report Is Solely For (select below)					Submit to SkyBOOKS						
	Transaction For: Engine 2 Serial No. PCE-BF0136				BF0136	Reset Form Fields			Maintenance Log Page:1			
			BOTTO DE	Aircra	aft Identification Statu	S		E				
AC	A/C Serial No. A/C Unit No. A/		A/C Registration No.	NC Registration No. Date (MoDay-Y 02-05-2009		y Identifier Total AC Hours PHX 444.1		Landings T	otal Engine Hours	Total Engine Cycles 941		
			Component Changes, I	nspections, Ser	vice Bulletins, or Airw	orthiness Direc	tive Accon	nplished				
Transa No. 1	action Item Name		Installed Vendor	Installed Vendor Part Number		installed Serial Number Reason		*Installed TBO (Enter # Part Status Chg Desired)		Materials Costs	Man	
1	2	C/W P&W 12 month inspect	tion.									
2	2	C/W SRP 100 Hr P3 Fitting	Insp.									
3	2	C/W SRP 100 Hr Oil Valve	Insp									
4	1	Perf bora-scope insp. comp	ressor.									
5	1	Perf bora-scope insp. comb	oustion.									
6	2	Perf bora-scope insp. turbin	e.									
7		/pe (Enter One):										
2 - Insp 3 - Ser 4 - Airw	ice Bulle	ccomplished Sect	il the method of compliance in the Cori ion below. Match the Comments Refer e Transaction # for easy reference.			Enter One): onvenience ther (Noted Below)	N -		Serviceable Overhauled	For Overhauled P enter the Overhau Agents name in the Comments Section	n he	
lef lo.		This Spa	ace For Other Maintenan	ce Comments I	ncluding: Test / Calibr	ation Dates, Re	moved Sei	ial Numbers	, Etc.			
			onth Inspection IAW PWC20									
_		THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN	IAW PWC207D engine MM T	CALCALLE CAPACITY OF A	And the second s	STATE OF THE PARTY	The state of the s		William Printers Andrews P	ted a 100 hr i	nterval.	
_			off Valve inspection. This insp									
			he compressor. Found leadin	*	ALL DOUBLE OF HIS CASE OF HIS CO.							
			he combustion section. Foun					on interior su	ırfaces. Photos o	n file.		
-	rforme	ed bora-scope inspection of the	he turbine section. Found lea	ding edge erosion	wear on compressor turbin	ne blades. Photos	on file.					
7	_											
	onair E	Facility: Salt River Project				t the above stated a		and/or inspec	tion was perform	ed in accorda	nce	
						Federal Aviation Admin. Other (Specify)						
	Certified Repair Station No.:					and the aircraft identified above is presently airworth, and approved for return to service.						
C	ertifica	ate#: A&P 521216573 Wi	Il Barks (Jill Hall	Date: 02-05-		#: A&P 52121657		1 1111	/_	02-05-0		
	Work PerformedBy:				Work							