

The Standard

 **ENGINE LOG**

ENGINE RECORD - GENERAL INFORMATION

MANUFACTURER PRATT & WHITNEY MODEL PT6-A 28

SERIAL PC-E 50008 RIGHT TYPE CERTIFICATE _____

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT KING AIR 100 SN - B-10 - N500-TB

MINIMUM OCTANE FUEL _____ OIL GRADE SUMMER _____ WINTER _____

MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____

SPARK PLUG GAP _____

MFG. RECOMMENDED OVERHAUL AT _____ HOURS.

The Standard

 **ENGINE LOG**

NOTES

Given United States Airworthiness Certificate
on 4-20-77 T.T. 3962.57 TIS. ~~640.5~~
(According to Airframe Log) R/O A/P# ^{543.5} 467901336

Entry made in wrong log book

TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	<p> 100 50 HOUR INTERVAL DETAILED INSPECTION COMPLETED DATE <u>6-4-77</u> R. ENG TIME IN SERVICE <u>703.4</u> <u>4025.4 TT</u> SIGNATURE <u>E. Rodriguez</u> CERTIFICATE NO. <u>1365140</u> <u>C/W AD 75-06-01</u> </p>
	<p>OIL CHANGED AT 3923.00 HRS AS PER GERMAN LOGS</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/3/77	41198		699.8 797.8	<p>I certify that this Aircraft Engine has been inspected in accordance with A 100 NR inspection, and was determined to be in airworthy condition. Total Time 699.8 797.8 HR Eng Time C/w AD 75-06-01 See details refer to W/O 0033 on file at Corporate Aviation, Houston, Texas. -End- Ronald J. Jordan AIP # 467901336</p>
9-27-77	Perform	50 Hours Insp.	Did	Compressor Wash.
James S. Venable	#	AIP	50R505725	

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/29/77	T.T	954.1	14RS	<p>Performed 50 HR inspection. No metal found in screens. Approved for return to service. — Ronald S. Juler — — AIP # 467901336 —</p>
1/5/78	TT	4337.7	7 hrs.	<p>9w AD75-06-01 Oil filter INSP. found very little metal. Completed Removal of the Secondary Low Pitch Ply Removing the actuator. Replaced the Glow Plugs (one). Purged, Dressed, + Painted Props.</p> <p>Signed off oil with Mobil Jet II</p> <p>I certify that this Aircraft Engine has been inspected in accordance with <u>100hr</u> inspection, and was determined to be in airworthy condition. Total Time <u>4337.7</u></p> <p>Ronald S. Juler — AIP # 467901336 —</p> <p>Detail on file w/o 269 at Corporate Aviation Houston, Tex.</p>

MAINTENANCE RELEASE TAG

Manufacturer **WOODWARD GOVERNOR COMPANY**

Model No. **210632**

Serial No. **1476584 11G**

Component identified above has been overhauled in accordance with Civil Air Regulations and found air-worthy for return to service. Pertinent details are on

file under W.G. No. **G-11329-R**

WOODWARD GOVERNOR COMPANY

Rockford, Illinois

FAA Approved Repair Station #3781

(Signed) *M. Wayne Johnson*

F24478 LP

TESTS, REPAIRS AND ALTERATIONS
NAME, RATING AND CERTIFICATE NUMBER OF
BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

97-389000-3⁵/N147658411G

James Vennberg #
AIP 509505725

suggested manufacturer's
accordance with FAR

91.217 (b) Found no metal in Oil Screen and
Complied with AD 75-06-01. Cleaned
Firewall Fuel Screw and changed paper
FUEL FILTER ON FUEL Pump. Checked for
leaks after running. *Steven Ward AIP 45106246*

3-14-78 4453.7 HM Replaced one prop boat, work was done by
L. L. Whiker (Houston, Texas). Complied With A.D. 75-06-01 Oil Screen
inspection - No Metal. Dressed, Painted, and Purge Prop. Lubricated
Starter-Generator Splines. *James Vennberg #* *AIP 509505725*

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	T TIA SEI	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Date <u>3-14-78</u> Tach <u>4453.7</u> I certify that this aircraft engine has been inspected in accordance with a <u>100 hrs</u> inspection and was determined to be in all worthy condition. Signed <u>James E. Vennberg</u> <u>W.O. 533</u> A&P # <u>509505725</u> CORPORATE AVIATION HOUSTON, TEXAS
<u>4-11-78</u>		<u>TT</u>	<u>4480</u>	Performed 50hr Inspection. 9W AD 75-06-01. Oil Screen Insp found no metal. Balgys Jopyy ATP 45644464 Ron D. J. [unclear]
<u>5-18-78</u>	<u>4552.2</u>	<u>T.T.</u>	<u>1230.3</u> <u>1132.2</u>	<u>inform 100 hr I/A/w FAR 91.217(b)(4).</u> ATP 467901336
<u>8-30-78</u>	<u>4679.4</u>	<u>HM</u>	<u>357.4</u>	<u>T.T. Perform Hot Section Inspection</u> Cleaned Fuel nozzle and checked spray pattern. Replaced Turbine (compressor) wheel. Replaced Compressor Turbine inlet Guide Vane. Replaced TTT wiring harness. Run-up check - O.K. <u>James E. Vennberg</u> ATP 509505725
<u>8-30-78</u>	<u>4679.4</u>	<u>HM</u>	<u>1397.4</u>	<u>T.T. Complied with A.D. 75-06-01 (a) (1), no metal</u> <u>was found. Lubricated Starter-Generator Splines.</u> <u>James E. Vennberg</u> ATP 454-84-7103

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, REPAIRS AND ENTRIES MUST BE ENDORSED WITH NAME OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER INFORMATION)
19__				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED AND APPROVED FOR SERVICE IN ACCORDANCE WITH THE PROVISIONS AND PROCEDURES OF THE FEDERAL AVIATION REGULATIONS AND PRO

Hatfield Aviation Inc.

1-800-392-4929 Texas Toll Free
8109 Braniff / 644-1464
HOUSTON, TEXAS 77087

RH

W.O. 10047

SERVICEABLE PARTS TAG

Customer CHOYA DRILLING Date 12-13-78
 Part Name STARTER GENERATOR
 Part No. 23048-018
 Ser. No. 3804
 Total Time 4653.7 HRS. T.S.O. HRS.

Overhaul

Repair Only

Bench Check

REBRUSH

By [Signature]
(OVER)

MAINTENANCE RELEASE

The Aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Pertinent details of this repair are on file at this agency under Work Order No. 10047 Date 12-13-78

Signed: _____

8109 Grant, Houston, Texas

REPAIRS AND ALTERATIONS
 DATING AND CERTIFICATE NUMBER OF
 PAGES FOR OTHER SPECIFIC ENTRIES

... THAT THIS AIRCRAFT HAS BEEN INSPECTED IN
 ACCORDANCE WITH THE INSTRUCTIONS AND PROCEDURES
 FOR AN INSPECTION PROGRAM REQUIRED BY FAR 91.217(b)
 100 HR INSPECTION 100 HR COMPLETE DO T. 8-30-78
 W/O # 967 AIRCRAFT TIME IN SERVICE 46794
 AUTHORIZED SIGNATURE [Signature]
 CORPORATE AVIATION
 7542 MAJOR HOUSTON, TEXAS 77061

12-13-78
10047 Total Time 4778.8
 No other screen or chip detect. Drained, Purged, Painted, Purged Pump. Had starter-gas re-brewed at field. W/O 10047 + bench checked. I certify that this engine has been determined + inspected in accordance with the instructions + procedures for an 100 HR inspection program required by F.A.R. 91.217(b)

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2-3-78	4875.6 4875.6	TT	1558.0	<p>9w AD 75-06-01, AD 75-11-04 No metal Found. 9w AD 78-18-01 'Hartzell Prop' by installing new bolts & washers. Had prop overhauled by L.L. Walker. Replaced RT prop de-ice brushes. I certify that this engine has been inspected in accordance with the instructions & procedures for an inspection program required by FAR 91.217(B)(4) Ronald J. Joles 100HR Inspection - AIP # 467901336 - Also included above, replaced crankshaft seal. R. Joles</p>
3-20-79	4924.2	T.T.	1609.2	<p>Performed 50 HR Insp. Found no metal in screen. Engine approved for return to service. Ronald J. Joles - AIP # 467901336 -</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-18-79	5008.8		1488.2	<p>✓w AD 75-06-01 + AD 75-11-04 No metal found in oil screen or chip detector. Pressure painted and purged prop. Washed and run-up. No leaks. Serviced with Mobil Jet II.</p> <p>I certify that this engine has been inspected in accordance with the instructions and procedures for a long form 100 HR inspection program required by FAR 91.217 (B)(4) - End - Ronald J. Jones</p> <p>APP # 467901336</p>
10-25-79	5052.6		1738.9	<p>Completed 50 HR inspection. ✓w AD 75-06-01 + A.D. 75-11-04. No metal found. - End -</p> <p>Ronald J. Jones</p> <p>APP # 467901336</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-5-79	5082.6		1780.9	<p>C/w A 100 HR Inspection, AD 75-06-01 and AD 75-11-04. No metal found in oil screen or chip detector. Performed engine compressor wash. Dress & purged prop, washed & ran up, no oil leaks. I certify that this engine has been inspected in accordance with the instructions and procedures for a sheet form 100 HR inspection program required by F.A.R. 91.217 (B) (4). <u>Ronald J. Jones</u> AIP# 467901336</p>
1-2-80	5131.2		1829.5	<p>Completed 50 HR Insp. C/w AD. 75-06-01 and AD. 75-11-04. No metal found. <u>Ronald J. Jones</u> AIP# 467901336</p>

DATE 19 <u>80</u>	RECORD TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-22			2117.2	COMPLETED 50HR INSP THIS DATE. C/W AD 75-06-01 MAIN OIL FILTER INSP C/W AD 75-11-04 CHIP DETECTOR SYS ADDED ONE QT MOBIL JET II. <i>Richard E. Starzyk</i>
11-20-80	(AC TIME) 5489.2		2167.2	COMPLETED 100 HR INSPECTION THIS DATE C/W 75-06-01 MAIN OIL FILTER INSPECTION C/W 75-11-04 CHIP DETECTOR SYSTEM. SERVICED OIL WITH MOBIL JET II. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. THE INSTRUCTIONS AND PROCEDURES FOR AN INSPECTION PROGRAM REQUIRED BY 91.217(B)(4). <i>Richard E. Starzyk A&P 319485601</i>
12-23-80	(AC TIME) 5539.5		2217.4	COMPLETED 50 HR INSPECTION THIS DATE C/W AD 75-06-01 MAIN OIL FILTER INSPECTION. C/W AD 75-11-04 CHIP DETECTOR SYSTEM. SERVICED OIL WITH MOBIL JET II. ENGINE RETURNED TO SERVICE <i>Richard E. Starzyk A&P 319485601</i>
/	/	/	/	/

DATE 19 <u>81</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-19-81	(AC TIME) 5586.2		2264.2	COMPLETED 100HR INSPECTION THIS DATE C/W AD 75-06-01 MAIN OIL FILTER INSPECTION C/W AD 75-11-04 CHIP DETECTOR SYSTEM. SERVICED ENGINE WITH MOBIL JET II. PURGED, DRESSED AND PAINTED PROPS. ENGINE RUN & CHECKED FOR LEAKS. ENGINE RETURNED TO SERVICE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. THE INSTRUCTIONS AND PROCEDURES FOR AN INSPECTION REQUIRED BY 91.217(b)(4). <i>Richard Hough</i> A&P 319485601
END				
2-16-81	(AC TIME) 5638.0		2316.0	COMPLETED 50HR INSPECTION THIS DATE C/W AD 7506-0 MAIN OIL FILTER INSPECTION C/W AD 75-11-04 CHIP DETECTOR SYSTEM. SERVICED ENGINE WITH MOBIL JET II. ENGINE RETURNED TO SERVICE. <i>Richard Hough</i> A&P 319485601
END				
4-21-81	(AC TIME) 5686.8		2364.6	COMPLETED 100HR INSPECTION THIS DATE. C/W AD 75-06- MAIN OIL FILTER INSPECTION C/W AD 75-11-04 CHIP DETECTOR SYSTEM. SERVICED ENGINE WITH MOBIL JET II. CHANGED BOTH GLOW PLUGS; INSTALLED NEW AGF2-6 CHAMPION PURGED, DRESSED AND PAINTED PROPS. ENGINE RUN AND CHECKED FOR LEAKS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. THE INSTRUCTIONS AND PRO- CEDURES FOR THE INSPECTION PROGRAM REQUIRED BY 91.217(b)(4) <i>Richard Hough</i> A&P 319485601

Airwork

Service Division

REPAIR

Job No. *X-54805* Customer *Blocker Energy*...

Description *PT6A-28 Engine*... Part No.

Ser. No. *PCE 50008* Tot. Hrs. *2412.3* T. Cycles *1983*

T.S.O. *unk* ... Cycles S.O. *unk* ...

REMARKS: *I.R.A.N.*

Date *July 29, 1981* ... Inspected By *Wagner Brown*

G-93 Rev. A.

WORK RELEASE

and/or component was repaired in accordance with current Civil Air Regulations and was found airworthy and returned to service. Details of the repair work shall be filed at this agency under file #

Order No. 7510-303

62381

Bill Chamberlain

Authorized Signature

DESCRIPTION OF REPAIR

removed to zero over of power time had per 6T112 functionally tested.

OTHER SPECIFIC ENTRIES

SIDE OF

DJR FOR
W. McRato

A&P 1912471

4 AUG 81	(ACT TIME) 5783.2	2411.1	INSTALLED ENGINE ON RIGHT SIDE OF BEECHCRAFT 100 S/N B-10 N220JB AFTER REPAIR BY AIRWORK. ENGINE NOT GROUND RUN OR CONTROLS ADJUSTED PER CUSTOMER REQUEST. SERVICED WITH MOBIL JET II. REPLACED IGNITOR LEADS. <u>Richard W. McRato</u> INSTALLED FUEL CONTROLLER A&P 1912471 S/N 307762.
5 AUG 81	5783.2	2411.1	GROUND CHECKED, RIGGED RIGHT ENGINE. BEECH MAINTENANCE MANUAL. OPS CHECKS OK. <u>Richard Estaryk A&P 519485601</u>

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19-81				
5 AUG	5783.2	—	2411.1	COMPLETED 50HR INSPECTION THIS DATE. C/W AD 75-06-01 MAIN OIL FILTER INSPECTION C/W AD 75-11-04 CHIP DETECTOR SYSTEM. ENGINE LEAK CHECKED AND SERVICED WITH MOBIL JET II. THIS ENGINE APPROVED FOR RETURN TO SERVICE Richard Staryk A&P 319485601
8-11-81	5786.8	ENG	2415.9	COMPLETED 100HR INSPECTION THIS DATE C/W AD 75-06-01 MAIN OIL FILTER INSPECTION C/W AD 75-11-04 CHIP DETECTOR SYSTEM, SERVICED OL ENGINE WITH MOBIL JET II. I CERTIFY THIS ENGINE HAS BEEN INSPECTED I, A. W THE INSTRUCTIONS AND PROCEDURES FOR AN INSPECTION REQUIRED BY 91.217(b)(4) Richard Staryk A&P 319485601 END
 	 	 	 	
 	 	 	 	
10-3-81	5835.8		2464.9	50HR INSP COMPLETED THIS DATE C/W AD 75-06-01 MAIN OIL FILTER INSPECTION C/W AD 75-11-04 CHIP DETECTOR SYSTEM. ENGINE SERVICED WITH MOBIL JET II, RUN-UP AND LEAK CHECKED, ENGINE RETURNED TO SERVICE. Richard Staryk A&P 319485601

Hatfield Aviation Inc.

1-800-392-4929 Texas Toll Free
8109 Braniff / 644-1464
HOUSTON, TEXAS 77087

W.O. 16291

SERVICEABLE PARTS TAG

Customer Hatfield Date 8-17-81

Part Name Starter Generator

Part No. 230418-018

Ser. No. 5224

Total Time UNKNOWN T.S.O. 0

Overhaul Repair Only Bench Check

By [Signature]

ATIONS
NUMBER OF
IC ENTRIES.)

ATE. 1/10

DETECTOR

LEAK

IN ACCORDANCE

QUIRED

4481

3601 A&P

12-29 5731.3 2566.9 COMPLETED 50HR INSPECTION THIS DATE. C/W AD

75-06-01 MAIN OIL FILTER INSPECTION C/W AD 75-11-04 CHIP DETECTOR

SYSTEM. SERVICED ENGINE WITH MOBIL JET II AND RETURNED

ENGINE TO SERVICE. Richard Starryk A&P 319485601

28 MAR 1982 AK 637.6 EMBT 2569.7 COMPLETED 100HR INSPECTION THIS

DATE. C/W AD 75-06-01 MAIN OIL FILTER INSP C/W AD 75-11-04

CHIP DETECTOR SYSTEM. SERVICED ENGINE WITH MOBIL

JET II. I CERTIFY THAT THIS ENGINE HAS BEEN

DATE 1981	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-2	5886.8		2515.9	COMPLETED A 100HR INSPECTION THIS DATE. C/W AD 75-06-01 MAIN OIL FILTER INSPECTION C/W AD 75-11-04 CHIP DETECTOR SYSTEM. ENGINE SERVICED WITH MOBIL JET II. ENGINE RUN & LEAK CHECKED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE INSTRUCTIONS AND PROCEDURES FOR AN INSPECTION REQUIRED BY 91.217(b)(4) Richard Staryk A&P 31948560/ END
12-5-81	5888.9		2518.0	REMOVED STARTER GENERATOR S/N 4481 AND INSTALLED S/N 5224. OPS CHKS OK. Richard Staryk 31948560/A&P ENG RETURNED TO SERVICE
12-29	5937.3		2566.9	COMPLETED 50HR INSPECTION THIS DATE. C/W AD 75-06-01 MAIN OIL FILTER INSPECTION C/W AD 75-11-04 CHIP DETECTOR SYSTEM. SERVICED ENGINE WITH MOBIL JET II AND RETURNED ENGINE TO SERVICE. Richard Staryk A&P 31948560/
28 MAR 1982	AK 6032.6	ENB 717	2566.7 2569.7	COMPLETED 100HR INSPECTION THIS DATE. C/W AD 75-06-01 MAIN OIL FILTER INSP C/W AD 75-11-04 CHIP DETECTOR SYSTEM. SERVICED ENGINE WITH MOBIL JET II. I CERTIFY THAT THIS ENGINE HAS BEEN

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-8-83	0.0	A/C T.T. 6091.2	ENG. T.T. 5712.8	ENG. SMOH 2622.3
<p>Completed Long Form 100 Hr. Inspection per Beech forms I/A/W F.A.R. 91.169 (f)4 Mfg's Recommended Program Checked + cleaned fuel + oil screens. Checked Ship Detector and Fire Detectors. Lubed starter drive splines. Lubed propeller. Replaced upper engine mount rubber insert. Corrected engine times as notation in front of log book was for the left engine and vice-versa.</p>				
<p>I certify that this <u>engine</u> has been inspected in accordance with <u>Long Form</u> inspection and was found to be in <u>100% Air</u> worthy condition.</p>				
<p>Date <u>4-8-83</u> Tach <u>0.0</u> Total <u>5712.8</u> <u>A/C T.T. 6091.2</u> <u>ENG. SMOH 2622.3</u></p>				
<p><u>Sammy D. Waskom</u> R/H</p>				
<p>Sammy D. Waskom ACP1733064 I.A. <u>2156 cycles</u></p>				
<p>CENTRAL TEXAS TWIN & TURBINE, INC. P. O. Box 1056 Killeen, TX 76540</p>				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-83	60.1		2682.4	SMOH 1/2 W A.D. 830801 by checking torque of prop attack bolts (found OK) Lubed reversing wire rope. Sammy D. Waskom AIP 1733064
12-83	97.7		2719.0	MC T.T. 6187.9 Completed short form 100 hr. Insp. checked & cleaned fuel & oil screen Replaced fuel pump filter. Replaced outlet glow plug. Checked chip detector & fire detectors. Greased prop. Lubed starter splines. (A.O. 78-14-09) I certify that this engine has been inspected in accordance with short form 100 hr inspection and was found to be in an airworthy condition. Date 7-12-83 Tach 97.7 Total 2719.0 2235cy Sammy D. Waskom Sammy D. Waskom AIP1733064 I.A.
				CENTRAL TEXAS TWIN & TURBINE, INC. P. O. Box 1056 Killeen, TX 76540
12-1-83	750	2782.7 cy	2287	
	TSM	5873.3 cy	5680	

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-7-86	483.2	ALC TT ENGTSO	6574.1 3105.2	PERFORMED 150 HOUR LONG FORM 11250 IAW 91.169(F)(4). COMPLIED WITH AD 78-14-09 PROTECTIVE FIRE DET. FOR DETAILS SEE RIO AIRWAY FORM 103 DTD 31 JAN 1986.
				I certify that in accordance with an approved inspection program, a no. 150 HOUR LONG FORM inspection was performed. This aircraft is approved for return to service
				Signature <u>[Signature]</u>
				Cert. No. <u>AP159589091</u>
6-16-86		ENGTSO ALC TT	3192.3 6661.2	INSPECTED MAIN OIL FILTER AND CHECK DETECTOR. NO METAL FOUND. C/W A.D. 78-14-09 BY CHECKING FIRE DETECTOR CHECKED GOOD, [Signature] AP7008530

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-4-86		ENG TSD	3252.2	PERFORMED 150 HR SHORT FORM (NSP C/W AD 78-14-09
	630.2	AIA FRAMET	6721.1	CHECKED OIL FILTER + CHIP ^{H³} DETECTOR (NO METAL FOUND)
				I certify that in accordance with an approved inspection program, a NO. <u>150 SHORT FORM</u>
				inspection was performed. This aircraft is approved for return to service ^{ENGINE}
				Signature <u>Howard [Signature]</u>
				Cert. No. <u>AP 50362714</u>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11, 1988	935.9		AIC 7026.8	<p>Completed Log Form 100 & In. Insp. per Buch forms I/A/W F.A.R. 91.169(F)4. Checked & cleaned main fuel & oil screens. Replaced fuel pump filter. Checked chip detector. Checked fire detectors per A.D. 78-14-09. Replaced press. ambient air duct. Replaced 1 ea. glow plug. Dressed prop. blades.</p> <p>I certify that this <u>engine</u> has been inspected in accordance with <u>Log Form</u> inspection and was found to be in an airworthy condition. 3557.8 S.M.O.H.</p> <p>Date <u>9-1-88</u> Tach <u>935.9</u></p> <p><u>Sammy D. Waskom</u> Sammy D. Waskom A8P1733064 CENTRAL TEXAS TWIN & TURBINE, INC. P. O. Box 1036 Killeen, TX 76540</p>
MOU	30, 1991			<p>NEW LOG BOOK ENGINE LOG CONTINUED SEE</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/10/89	1027.5		A/C 7118.4	<p>Completed Short Form 100 Hr. Insp. per Beech forms I/A/W F.A.R. 91.169(F)4. Checked & cleaned main fuel & oil screens. Replaced fuel pump filter. Checked chip detector & fire detectors. Greased prop & dressed blades. Rebuilt starter- generator & lubed splines.</p>
				<p>I certify that this engine ^{engine} has been inspected in accordance with 100 Hr ^{Short Form} inspection and was found to be in an airworthy condition.</p>
				<p>Date 3-10-89 Tach 1027.5 Total 3699.4 SMOH</p>
				<p><u>Sammy D. Washom</u> 6739.9 TTE Sammy D. Washom ACP1793004</p>
				<p>CENTRAL TEXAS TWIN & TURBINE, INC. 1062.7 SHSI</p>
				<p>P. O. Box 1056 Killeen, TX 76540 W.O. 1771</p>
				<p>STARTED MAY 25 1989</p>
NEXT PAGE			<p><i>[Signature]</i> ACP 327465424</p>	

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
NDU	30,	1991	<p>PER ATTACHED COPIES OF AIRFRAME LOG; ENGINE S/N PC-E50008 WAS INSTALLED ON RT OF Beech 100 S/N B10 ON JUNE 9, 1989.</p> <p>THE FOLLOWING TIMES APPLIED AS OF JUNE 9, 1989 - ENGINE OVERHAULED BY STANDARD AERO.</p> <p>ENGINE T.S.O. - ZERO ENGINE C.S.O. - ZERO ENGINE T.T. - 6739.9 ENGINE T.Cy. - 7042 AIRCRAFT T.T. - 7141.5 AIRCRAFT T.Cy. - 8064</p> <p>ENGINE WAS OPERATED ON THIS AIRCRAFT TO A TOTAL AIRCRAFT TIME OF 7292.2, THE FOLLOWING ENGINE TIMES APPLY.</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	CONT NOV 30, 1991			NO RECORDS OF CYCLES FROM OVERHAUL; TWO TO ONE APPLIED TO CYCLE COUNT.
				ENGINE T.T. 6890.6
				ENGINE T.CY. 7344
				ENGINE T.S.O. 150.7
				ENGINE CY.S.O. 302
				ENGINE WAS REMOVED FROM
				RT SIDE OF AIRCRAFT S/N B1
				IN AS IS CONDITION NOV 30,
				1991.
				J. Hoff ATP 327465424

INSPECTION RECORD

F.A.R. 43.11-91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6/9/89	7141.5	<p>TTA CLEANED AND PAINTED ENG MOUNTS AS NECESSARY, 8064 LDC REPLACED WORN HARDWARE, CLAMPS + BOOTS IN BOTH ENG NACELLES, BOTH NACELLES CLEANED AND PROTECTED AS NECESSARY.</p> <p>BOTH ENGINES OVERHAULED BY STANDARD AERO AND REINSTALLED ALL FLAMMABLE FLUID LINES REPLACED BOTH SIDES. R/H STARTER GENERATOR OVERHAULED BY FALCON ACCESSORIES.</p> <p>THE FOLLOWING SYR AND CYCLE LIMITED INSP / O/H C/W :- LANDING GEAR G/B + MOTOR O/H BY HATFIELD AVIATION BOTH MGs ACTUATORS REPLACED WITH O/H UNITS, S/N ON L/H ALG-2005, R/H ALG-2057 NOSE ACTUATOR INST 1AN 1000 CYCLE REQ. BY AERO SERVICES ALL SIFTS INSP. 1AN SYR REQUIREMENTS AND PAINTED + RESEALLED BRAKE HOSES REPLACED NOSE WHEEL REPLACED O₂ BOTTLE HYDRO C/W BY HOUSTON FIRE + SAFETY (OVER)</p>

INSPECTION RECORD
F.A.R. 43.11 - 91.217

KIND OF INSPECTION- STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7/31/89	7209.1	Replaced kinked Fuel Pump inlet Line; Replaced Left eng.
	8171	INBD Glow Plug Leach; PILOT'S ADI Problem Repaired by
		DUNCAN AVIATION, Cleaned Solenoid VALVES on R. Eng Overspeed
		Governor. Baker M. Phillips: 1144609703
8/23/89	7292.2	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>445-004 7292.2</p> </div> <div style="width: 45%; text-align: right;"> <p>4.157 INTERIM 8/23/89 14198876</p> </div> </div>
		<p>c/w AD 872201 CRACK FOUND IN TOE OF WELD ON STRUT, STRUT REPLACED WITH SERVICEABLE UNIT 87-22-01 c/w NO CRACKS NEXT DUE @ 7441.5 TTA</p>
		<p>c/w AD 87-03-06 OUTBD ELBOW HINGE INSP-NO MOVE- MENT NOTED - MODIFICATION DUE TAW AD AT 7482.3 TTA REPLACED AC COMPRESSOR MOTOR AND LIMITER, RIPPED EMERGENCY EXIT DOOR, REPLACED BOOST PUMP FUSES, TIGHTENED RUDDER TRIM KNOB, REPLACED OVER</p>

Page 5 of 5

INSPECTION RECORD F.A.R. 43.11 - 91.217

FOR SERVICE	DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
Left eng inspected by Eng Overhaul 1146057723	8/23/89		RELIEF TUBE, REPLACED Buss. PUMP FUSES, C/W MONTHLY FIRE BOTTLE INSP <i>[Signature]</i> 1A198871C
	8/31/89		C/W WING BOLT RETORQUE, #1 + #2 TIRES REPLACED <i>[Signature]</i> 1A198871C
ON SILOT, 2-01 C/W			
NO HAVE- 7482.377A METER, PUMP ED OVER			

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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MANUFACTURER Pratt and Whitney	UNIT NAME Engine	TYPE/MODEL PT6A-27	SERIAL NUMBER PCE 50008
TOTAL TIME 6890.6	TIME SINCE OVERHAUL 150.7	TOTAL CYCLES 7344	CYCLES SINCE OVERHAUL 302

THE ABOVE ITEM IDENTIFIED RECEIVED ANNUAL INSPECTION OR 100 HOUR INSPECTION REPAIR OHC HOT SECTION INSPECTION
 The following AD and SB are complied with or were previously complied with: AD 80-08-12 PCW, AD 75-06-01 PCW, AD 75-11-04 PCW, SB 1188 NA, SB 1220 PCW, SB 1216 PCW, SB 1233 NA, SB 1245 NA, SB 1246 NA, SB 1316 PCW, SB 1338 PCW, SB 1397 PCW, SB 1404 PCW, SB 1389 CW, SB 1386 NA, SB 1372 CW. Rotables as follows: rear hub PN 13111, SN 2994, TC 7344; 2nd stg disk PN 3013712, SN 4494, TC 7344; 3rd stg disk PN 3011713, SN 1A436, TC 7344; impeller PN 3013176, SN A8289, TC 7344; CT disk PN 3013411, SN A2725, TT 3500.0, TC 4700; PT disk PN 122412, SN 9C634, TC 4530. Engine disassembled for inspection due to sudden stop. Installed new 2nd stg compressor bearings. PT disk re-bladed and balanced to PT shaft assy. Replaced GG case. Compressor recoated, reassembled and balanced. Replaced exhaust duct. Complied with hot section inspection. Installed coated large and small exit duct, new CT vane and new CT blades PN T102401-01. Engine re-assembled. Engine converted to a PT6A-27 per SB 1214. Installed fuel pump SN R1311, 150 hrs TSO; fuel control SN A48838, 0.0 TSO and gov SN 168368AC, 0.0 TSO. All work was performed in accordance with Pratt and Whitney Manual.

THIS ENGINE OR APPLIANCE 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 No. T1160 DATE 5-28-92

[Signature]
SIGNATURE FOR

FAX No. 812-877-4604

CRS UTBR513L



Phone 812-877-2587

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
8-3-93 HOBBBS	273.5		<p>I certify that this <u>ENGINE</u> has been inspected in accordance with <u>A 100 HR</u> inspection and was determined to be airworthy.</p> <p><i>Jim Walden</i> #P 527748877</p>
1-28-94 TSO	HOBBBS 547.2	396.5	<p>CHANGED FILTERS (FUEL-OIL AND AIR.) REPLACED FUEL NOZZLES WITH PERVICABLE SET. SEE YELLOW TAG. CHANGED OIL. LUBED CONTROLS & CLEANED ENGINE. CHECKED CHIP DETECTOR.</p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with <u>A 100 HOUR</u> inspection and was determined to be airworthy.</p> <p><i>Jim Walden</i> #P 527748877</p>

DATE 1975	RECORDING FAC HOURS	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-9-75	683.2	FOR Prime 683.2	683.2	Installed overhauled Fuel nozzle adapter cell 14 done by Prime Turbine FAA Repair Station # UE5R246W using all new O-rings and metal gaskets changed oil added 10 qts Exxon turbine oil 2380. Installed NEOS oil filter p/n 3028419 with new O-rings. Replaced igniter with p/n CH340552 ee. Changed FCU fuel filter checked nose case screen OK NO metal found. Check compressor for FOD found OK. Prop Press greased, painted black. Balanced prop with Chadwick Univ Balance Just # 4627 prop OK at .2 FPS. at 9 o'clock. Jr. Kummer AE P526153938
3-17-75	1037.5			CHANGED OIL - EXCHANGED PRI+SEC FUEL NOZZELS - CHANGED AIR FILTERS CHANGED P3 FILTER FUEL FILTER OK OIL FILTER GREASED PROP. ENGINE RUN NO LEAKS NOTED. Jim (Mablon) #527748877

DATE 1997	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-6				<p>CHANGED FILTERS - OIL - REPLACE CHIP DETECTOR. RR STARTER/GEN FOR OVERHAUL CLEANED & INSPECTED ENG FOR 100 HR</p> <p>I certify that this <u>ENGINE'S</u> has been inspected in accordance with a <u>100 HOUR</u> inspection and was determined to be airworthy.</p> <p><u>Jim (Uncle) P 5274884</u></p>
14 FEB 98	1623			<p>CHANGED OIL & FILTER, FOU FILTER TESTED CHIP DETECTOR - OK. DRESS & GREASED PROP, GREASED STR/GEN. EXCHANGED PR1 & SEC FUEL NOZZLE REPLACED AIR FILTERS & FUSELAGE FUEL FILTER. OVER →</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC E
19 98				
24 FEB 98	1623.1			<p align="center">- CONT -</p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HOUR</u> inspection and was determined to be airworthy.</p> <p align="center"><i>Jim Ullalton</i> P52774855</p>
19 JUNE 98	1709.1			<p>REPLACED FUEL FILTER AND ENG PUMP. <i>Jim Ullalton</i></p>
11 AUG 98	1820.3			<p>REPLACED LOW PRESSURE FUEL PUMP, SER# 8E031 <i>Jim Ullalton</i></p>
17 AUG 98	1837.0			<p>REPLACED SEAL CARRIER, ACCY CASE FRONT OF FUEL PUMP. PN 3007737. <i>Jim Ullalton</i> P52774855</p>

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
29 AUG	HOUR	1870		REPLACED FUEL NOZZLES WITH OVERHAULED PARTS. CHANGED FUEL PUMP FILTER. Jim Ullalder P527748877
1 DEC	HOUR	1622		REPLACED FUEL NOZZLES WITH OVERHAULED PARTS. CHANGED AIR FILTERS, P-3 & FIREWALL FUEL FILTER. Jim Ullalder P527748877
				CHANGED OIL CLEARLY INSPECTED ENGINE
3-2-99	HOURS	1975.4		I certify that this <u>ENGINE</u> has been inspected in accordance with <u>100 HOUR</u> inspection and was determined to be airworthy. Jim Ullalder P527748877

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
19 99 AUG 15 99				REPLACED FUEL NOZZLES. Jim Calder P527748877
HOBBS 2200.2				
JAN 20 00				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND FOUND AIRWORTHY. Jim Calder P527748877
HOBBS 2377				
25 MAY 00				REPLACED FUEL NOZZLES CHANGED FIREWALL FUEL FILTER AND PUMP FILTER Jim Calder P527748877
HOBBS 2458.2				

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-9-01	2716.9			CHANGED FUEL FILTERS. GREASED LINES ON PTR/GEN. <i>Jim Miller</i>



FAA Approved Repair Station No. CP2R750K JAA Listed
 Pratt & Whitney Canada Appointed Agricultural Service Center
 201 E Airport Rd. Okmulgee, Ok. 74447 Ph: 918-756-7862 Fax: 918-756-3424

Date: March 16, 2001	Tach/Hobbs: 2721.1	Engine Model: PT6A-27	Engine S/N: PCE 50008	Acft. Reg. No: NA
Eng. Total Time: NA	TSOH: NA	Eng. Total Cycles: Ref SIL PT6-037		Acft. Mod/Ser No: AT 402 - 0876

Received engine as installed on this aircraft for hot section inspection. Split engine at 'C' flange and removed hot section parts. Disassembled small duct assembly. Installed overhaul condition small exit duct, overhaul condition CT Vane s/n 8C529, and overhaul condition combustion liner. Skim cut CT Disk and balanced. Ground segments to achieve proper tip clearance. Installed new T5 soft harness, overhaul condition bus bar, and 1ea overhaul condition thermocouple. Installed serviceable fuel nozzle adapters. Reassembled engine and safetied as required. Installed new prop shaft seal, prop governor gasket, overspeed governor gasket, and Np tach generator gasket and seal. Reinstalled propeller in accordance with AD 83-08-01 using new seal. Installed new carbon block, new oil filter, and new FCU/fuel pump gear shaft seal. Performed compressor wash. Ground ran engine - performance and leak check ok.

MAINTENANCE RELEASE: This certifies that the work specified above was carried out in accordance with Federal Aviation Regulations and current manufacturers specifications. In respect to the work performed, the engine/component is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No: 212700 and 212680

Authorized Signature: *K. C. Cleet* Date: March 16, 2001

COVT056 (Rev0 06-99)

DATE 2001	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
50401 HOUR	2975			REPLACED FUEL NOZZLES. SEE FORM 8130-3'S ATTACHED Jim Calder #527748877
12-21-01 3007.0				REPLACED #2 BEARING OIL SCAVENGE TUBE. REPLACED OIL DRAIN LINES, CLEANED ENGINE - GREASED STR/ SPLINES, CHECKED CHIP/ DECTOR.
				I certify that this <u>ENGINE</u> has been inspected in accordance with <u>100 HOUR</u> inspection and was determined to be airworthy. Jim Calder #527748877

DATE 2002	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
13 SEP	3269.8	8		REPLACED FUEL NOZZLES. SEE FORM 8130-3, ATTACHED Jim Walden #527748877
14 OCT	3330.9	9		REPLACED OIL TUBE PN. 3020667 DUE TO HOLE CHAFFED. Jim Walden #527748877
121-03	3351.4			GREASED STARTER/GEN SPLINES CLEANED ENGINE. CHECKED ENGINE CONTROLS - CLEANED ENGINE. DRESSED, GREASED & PAINTED PROP. CHECKED EXHAUST FOR CRACKS. I certify that this ENGINE has been inspected in accordance with 100 HOUR inspection and was determined to be airworthy. Jim Walden #527748877

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
2-7-83	3484.5			REPLACED NOZZLES. SEE FORM 8130-3. Jim Calderon
27 JUNE	3493.4			REPLACED STARTER/GENERATOR + STA/GEN DRIVE SEAL. Jim Calderon #527748877
2-7-84	3608.05			I certify that this ENGINE has been inspected in accordance with A 100 HOUR inspection and was determined to be airworthy. Jim Calderon #52774-8877
NOV 84	3898.6			CHANGED NOZZLES. CHANGED FUEL FILTERS (FIREWALL + PS) Jim Calderon #527748877

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-20-85	3984			<p>GREASED STARTER/GENERATOR DRIVE SPLINES - CHECKED ENGINE CONTROLS. GREASED & PAINTED PROP. CHECKED CHIP DETECTOR. CHECKED EXHAUST FOR CRACKS.</p>
				<p>I certify that this ENGINE has been inspected in accordance with a 100 HOUR inspection and was determined to be airworthy.</p>
				<p><u>Jim McClain #527748877</u></p>
1-20-85	4400			<p>GREASED STARTER/GENERATOR DRIVE SPLINES. REPLACED FUEL NOZZLES. REPLACED FUEL FILTERS - CHECKED EXHAUST FOR CRACKS. THIS ENGINE HAS BEEN INSPECTED FOR A 100 HOUR AND FOUND SATISFACTORY <u>Jim McClain #527748877</u></p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
2006 JUNE	4530.3			REPLACED STARTER/GENERATOR W/ OVERHAULED UNIT. P/N 23048-021 PER 97348. Jim Malolan #527748877
2006 SEP	4741.9			CHANGED NOZZLES & INDUCTION AIR FILTERS. FIGURED CYCLES BY APPLYING 2 TO 1. (9786) Jim Malolan #527748877
2007 2-19-07	4779	(9940)		INSTALLED PROP AFTER OVERHAUL. NEW BETA BLOCK - NEW IGNITERS CHECKED CHIP DETECTOR - NO CONTINUITY. CLEANED ENGINE. CHECKED ENG CONTROLS. Jim Malolan #527748877 has been inspected for compliance with FAR 43 and was determined to be satisfactory. Jim Malolan #527748877

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
0007				
31 JULY	5050.0			REPLACED NOZZLES - CHANGED
1400RS	5050.0			FUEL FILTERS. <i>Jim McAlister</i> P527748877
CYCLES	2/NR = 10482			<i>Jim McAlister</i> P527748877
0008				
14 JAN	5291.6			CLEANED ENG COMPARTMENT & ENGINE.
CYCLES	2/NR = 10864			REPAIRED & OIL CASE DRAIN. GREASED STARTER/GEN SPLINES CK CHIP DETECTOR.
				I certify that this ENGINE has been inspected in accordance with 14 CAR HOUR inspection and was determined to be airworthy. <i>Jim McAlister</i> P527748877
14 SEP 08				
14 SEP	5530.2			REPLACED NOZZLES CK CHIP DETECTOR RESEALED OIL TUBE (
				CHANGES) CHANGED FUEL FILTERS <i>Jim McAlister</i> P527748877
15 FEB	5370.5			ENGINE REMOVED. <i>Jim McAlister</i> P527748877

Phone: 520-745-5936

Fax: 520-745-5937

SOUTHWEST AIRMOTIVE
CORPORATION

3230 S. Dodge Blvd. Suite 8 & 9
Tucson, Arizona 85713
Repair Station: QOWR001Y

Date: 2/19/2009

Performed an HSI and complete Power Section teardown, inspection and repair as needed on this PT6A-27 Engine S/N: PCE-50008 IAW PWC Manual 3013243. Skim-Cut and balanced the CT Disk. Balanced the PT Rotor and 1st Carrier. All pertinent information is on file at this repair station under SAC work order 10099. TSN: 12460.4 CSN: 14167 TSO: 5720.5 CSO: 7165. The CT and PT Disk was removed, inspected and reinstalled in SV condition. The Compressor was inspected for F.O.D., but was not removed. The Compressor component cycles were calculated from log book data.

CT Vane: 3032651 S/N: 8C529 - SV - 13.27

Hub: 3013111 S/N: 2994 CSN: 14167

PT Vane: 3024862 S/N: 43AN - SV - 2S8 12.9

2nd Disk: 3013712 S/N: 4494 CSN: 14167

FCU: 2524440-7-6 S/N: A41783 - Overhauled

3rd Disk: 3011713 S/N: 1A436 CSN: 14167

CT Disk: 3013411 S/N: A2725 CSN: 9086

Impeller: 3013176 S/N: A8289 CSN: 14167

PT Disk: 3022412 S/N: 9C634 CSN: 9264


Service Bulletins Complied with this visit:

1159 1236 1305 1324 1332 1397 1404 1466 1561

AD's Complied with this visit:

90-12-05 97-04-12 2002-23-13

The asset identified above has been repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service only for the work performed.

Signature: 

Title: Quality Manager

SAC Form 057

Rev: Orig 8/10/2006

2/19/2009 5720.7 T50

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-20-09	55698			ENGINE INSTALLED ON N18467 AFTER ENGINE WORK. Jim Ullalder #P527748877
R3106 p9 MOBBS	5932			COMPRESSOR WASH - CHANGED NOZZLES. Jim Ullalder #P527748877
1 FEB 10 MOBBS	5999.4			OPEN AND INSPECT FOR 100 HR. CHANGED FUEL FILTERS (PUMP, P-3 & FIREWALL), INDUCTION FILTERS. CHECKED CHIP DETECTOR, OK - NEW ONE ORDERED. REPLACED OIL SCAVENGE TUBES. CHANGED OIL. DRESSED, INSPECTED & GREASED PROP. GREASED STARTER/GENERATOR SPLINES. A copy of the engine log has been inspected in accordance with 100 HOUR inspection and was determined to be airworthy. Jim Ullalder #P527748877

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER MECHANIC OR REPAIR FACILITY (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
			END of Log
NEW Log Book			