

N7805C P&W R-985 ENG LOG 2
SN:7029 11/2000 TO PRESENT
RIGHT ENGINE (#2)

 *The Standard*
ENGINE LOG

ASA-SE-2

R/H.

Engine Record General Information

Manufacturer PRATT & WHITNEY **Model** R-985 AN14B
Serial 7029 **Type Certificate** 5E1

This engine is currently installed in aircraft: BEECHCRAFT C-451+ S/N RF640
R/H SIDE

Minimum Octane Fuel _____ **Oil Grade** Summer _____ Winter _____

Magneto Time _____ **Point Setting** _____ **Firing Order** _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ **hours**

[illegible]

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				MANUFACTURER PRATT AND WHITNEY
	SERVICE BULLETINS			MODEL <u>P-985 AN 14B</u> SER. NO. <u>7029</u>
	621 Imp. Balance		<u>Complied</u>	The aircraft engine or component identified above was
	1546 M. R. Radius		<u>Complied</u>	disassembled, inspected and overhauled in accordance with
	1658 Plain Imp. Brg.		<u>N/A</u>	Pratt & Whitney overhaul manual #123440 and current
	1693 Rocker Drain		<u>Complied</u>	Regulations of the Federal Aviation Administration and
	1730 Heavy Wall P.P.		<u>Complied</u>	is approved for return to service. Details of the repair are
	1767 Nose Case		<u>Complied</u>	on file at this repair station under work order
	Gen. Drive		<u>50 AMP</u>	NO. <u>3635</u> DATE <u>11-29-00</u>
	Chrome Cyls.		<u>Installed</u>	SIGNED <u>Sam Thompson</u>
				FAA Repair Station CT2R754K
				Tulsa Aircraft Engines, Inc.
				9311 E. 44th Street North
				Tulsa, Oklahoma 74115
	AD NOTES COMPLIED			
	56-6-2 Cyl. Base Nuts		<u>Complied</u>	
	57-5-4 C/S Rework		<u>PCW</u>	
	66-14-4 Gear 331098		<u>Complied</u>	
	68-9-1 C/S Liners		<u>Complied</u>	T.T. 600:8 HOURS
	78-08-07 U.T. <u>OK</u>		<u>Complied</u>	TSMO 0:0 HOURS
				ENGINE TEST RAN 4:0 HOURS.

YEAR 2004 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-27-04			600.8	TSMOH O.O Completed installation of ENG, using NEW HARDWARE and ENG MOUNTS. (Cord mounts) NEW BATTLE ASSEMBLIES installed NEW HOSE ASSEMBLIES, NEW HOSES & CLAMPS. Installed OH CARB, Fuel pump, governor, vacuum pump. Installed Alternator and Remote oil filter SEE Airframe logbook entry 337's. Eng. serviced with oil recommended by Tulsa Aircraft Engines. for break-in. Eng. run and carb. setup. - Fuel check OK, Leak check - OK, operational check - OK. AD's O/w during O/H. AD's checked thru T-DATA Rev. 2004-08. I certify this Eng has been inspected and serviced thru a 100hr. insp. and found to be in an airworthy condition. <u>Shawn Z. Shaw</u> AIP 140361229

YEAR 05 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-7-05			604.8	TSMOH 4.0 hrs Inspected & serviced this engine IAW a 100hr inspection and found it to be in an airworthy condition. Cleaned plugs, checked timing, cleaned fuel screen, inspected hose clamps & connections for security. C/w AD 78-08-07 para B by visual inspection - no cracks detected. C/w AD 56-06-02 cyl. stud looseness by inspection - OK. HD's checked thru T-DATA Rev. 2005-16 and complied with as required. Edward J. Genn BAP140361229
4-15-07			606.0	TSMOH 5.2 hrs. Inspected & serviced this engine IAW a 100hr inspection and found it to be in an airworthy condition. Cleaned plugs, checked timing, cleaned & checked main oil screen, cleaned fuel screen. C/w AD 78-08-07 para B by visual insp. - no cracks seen. C/w AD 56-06-02 cyl. stud looseness by inspection - OK. AD's checked thru T-DATA Rev. 2007-08. Edward J. Genn BAP140361229

YEAR CS DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-21-08			610.1	TSMD# 9.3 hrs Inspected and serviced this ENG. I did a 100hr. inspection and found it to be in an airworthy condition. Cleaned plugs, checked timing, performed compression chk. Cleaned & checked main oil screen and serviced ENG with Aeroshell 100 new detergent. (Checked fuel screen, checked hoses & clamps. Checked 78-05-07 FARO B by visual Insp. - no cracks detected. C/W AD 56-06-02 cyl. stud looseness by visual Insp - OK. AD's checked thru T-DOTR Rev. 1005-05.
				— Edward Z Gamm R4F140-36-1237 —
4-11-09			611.3	TSMD# 10.5 hrs. Inspected and serviced this ENGINE I did a 100hr. inspection checklist and found it to be in an airworthy condition. Checked oil screen, cleaned fuel gascocks & screen. Checked compression and plugs and timing - OK. Checked all hoses & clamps.
1	79/80	2	80/80	
3	80/80	4	80/80	
5	75/80	6	79/80	
7	79/80	8	80/80	
9	80/80			

YEAR 2009/10 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-11-09			611.3	C/w AD 56-06-02 cyl. stud loosens by visual Insp. - OK. C/w AD 78-08-07 part B by visual Insp. - no cracks detected (Cyl. head cracking) AD's checked thru T-DATA REV. 2009-08. Edward J. Brown A & P 140361229 -
4-21-10			613.6	TSMOH 12.6 hrs. Inspected and serviced this eng. I saw a 100hr. inspection checklist and found it to be in an airworthy condition. Chkd & cleaned main oil screen and reinstalled with a new gasket. Cleaned plugs, chkd compression and firing. Cleaned fuel injector and screen. Chkd all hoses and clamps. Changed ^{pump to} oil filter, and serviced eng. with Aeroshell non-detergent 100 oil. C/w AD 56-06-02 part B cyl. stud loosens by visual inspection no loose studs found. C/w AD 78-08-07 and SB 1785 part B by

YEAR <i>and</i> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-21-10			613.6	Visual Insp. CO cyl head cracks found. AD's checked thru T-DATA Rev. 2010-08. — — Edward Thomas ATP 3476745 —
2011				
7-12-11			613.6	TSMDH 12.8 hrs. Inspected and serviced this eng. IBW a 100hr inspection checklist and found it to be in OK order. No 1
1	80/80			
3	60/80	2	80/80	and found it to be in OK order. No cyl'd plugs and performed compression chks.
5	80/80	4	80/80	Cyl'd timing - OK Tightened & cyl'd base
7	80/80	6	80/80	clamps. Cleaned eng. and lubed engine
9	80/80	8	80/80	components. C/w AD 56-06-02 Cyl. stud failure
				parts by visual inspection - no loose studs
				or nuts at this time. C/w AD 28-08-07
				and SB 1785 Part B visual inspection of
				cylinder heads - no cracks at this time.
				Eng. Run and checked for operation - OK
				AD's checked thru T-DATA Rev. 2011-14.
				— Edward Thomas ATP 3476745 —

YEAR 2012 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-28-12			61 7.1	TSMOH 16.3 Inspected and serviced this Engr.
1	80/80	2	80/80	IPW a 100hr. inspection checklist and found
3	80/80	4	80/80	it to be in an airworthy condition. Cleaned
5	80/80	6	80/80	and gapped plugs, performed compression chk.
7	80/80	8	80/80	chk'd timing - OK, Chk'd all hose clamps. - OK
9	80/80			hubbed all controls & chk'd operation. Cleaned
				enrg. C/w AD 56-06-02 cyl. stud for loose part "b"
				by visual inspection - no loose studs or nuts at this
				time. C/w AD 78-08-07 & S.B. 1785 Part B visual insp.
				of cylinder heads - no cracks at this time. Removed
				P/N 20159 Plug and installed chromed 20159 Plug
				and new 233 Gasket; torqued and so fixed. -
				All AD's chk'd thru T-DATA REV. 2012-16.
				— Edward L. Lennan AHP 3476745 —

YEAR 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-24	—		621.3	TSMO1420.5 Inspected and serviced this
1	80/80	2	79/80	engine. Flew a tech. inspection checklist
3	80/80	4	80/80	and found it to be in an airworthy condition
5	79/80	6	80/80	Performed comp chk (hot) chk'd plugs and
7	80/80	8	79/80	timing. Chkd & tightened pushrod tube gland
9	80/80			nuts. Cleaned and checked main oil screen
				cleaned and checked gascolator screen. Chkd
				and tightened all hose clamps. Cleaned c/s
				and lubed all controls and checked for
				proper operation. C/w RD 56-06-02 Cyl.
				Stud failures para "b" by visual inspection - OK
				at this time. C/w RD 78-08-07 & SB 1785 Part "b"
				by visual insp. of cyl. heads - NO CRACKS at this
				time. Eng. RUN and checked for operation
				-OK. RD's chkd and C/w THRUST DATA REV.
				2013-18. Edward L. Lamm H&P 3476745-

YEAR 2014 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/15/2014	—		624.6	TSMOH 23.8 Inspected and serviced this
1	79/80	2	78/80	ENGINE IAW a 100hr. inspection checklist per FAR
3	80/80	4	80/80	#3 Prop'd and Beech C-45 Maint. Manual, and found it
5	80/80	6	80/80	to be in an airworthy condition. Performed
7	78/80	8	79/80	comp. chk. "Hot", cleaned & gapped plugs, chkd timing
9	79/80			Inspected push rod type glow/wrds - OK. Removed,
				cleaned and checked main oil SCREEN - OK - no metal.
				Cleaned gasolator SCREEN. Chkd all hose clamps
				and 4 hoses + connections. Cleaned engine and
				lubed all controls. Chkd for operation on eng,
				BUN - up OK. C/w AD 5606-02 Cyl. Stud Gaskets
				para "b" by visual Insp. - OK at this time. C/w
				AD 7405-07 & SB 1285 Part "B" by visual insp.
				of cyl. heads - no cracks or leaks noted at
				this time. AD's chkd and C/w thru I-Data
				REV 2014-22. Ended Lenn REP 3476745 -

YEAR 2016 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/21/2016			628.7	TSMCH 27.9 Inspected and serviced this engine. I did a pre-flight inspection checklist and found it to be in an airworthy condition. The following work was accomplished: Comp. chks., timing chks., spark plugs cleaned & chkd, hose clamps tightened as required. Cleaned & chkd & reinstalled fuel gasolator screen. Chkd & lubed all controls. C/w AD 56-06-08 Cyl. Stud fasteners per AD by visual inspection - OK at this time. C/w AD 78-08-07 & SB 1785 port B by visual insp of Cyl. heads - no cracks or leaks noted at this time. Eng chkd for proper operation on run-up - OK. AD's chkd thru T-DATA R 2016-09. I certify this engine has been inspected and serviced. I did a pre-flight inspection and found to be in an airworthy condition. (Signed) J. Harn AEP 3476245
1	80/80	2	76/80	
3	80/80	4	79/80	
5	79/80	6	78/80	
7	76/80	8	80/80	
9	80/80			

YEAR 2017 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/4/2017		(4.54)	638.2	TEMPOH 32.4 Inspected and SERVICED this ENG. IAW ON 100hr Insp. checklist and found it to be in an AIRWORTHY condition. The following maint items were accomplished & Comp chks 1 79/80 2 78/80 3 75/80 4 80/80 5 80/80 6 79/80 7 76/80 8 79/80 9 79/80 hot-OK, timing chkd-OK, spark plug gaps chk'd. All fasteners and hardware chkd. hose clamps chk'd for proper tight., hoses inspected, oil added visually, chkd for leaks, fuel kept SCREEN chk'd & cleaned. Chkd & lubed all controls, and red ENG ENLS. C/W AD 56-06-03 Cyl. Stud. failures by visual insp. -OK. C/W AD 75-05-07 & SB 1785 part B by visual insp of Cyl. head NO cracks or leaks noted at this time. Serviced oil system, cleaned eng. and chkd for proper operation on run-up. -OK. RD's chkd thru T-DATA 2017-16. Edward Zeman RA13476745

YEAR 2018 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/5		(512)	638.4	TSMOH 376 Inspected and serviced this eng. Per a 10 hr insp per FRR 43 RFD
1	78/80	2	79/80	checklist and found it to be in an airframe condition. Comp. Cbk Hot OK, chkd timing ok, mag drop OK on Run-up Plugs chkd,
3	78/80	4	79/80	Suit filter screen cleaned, hose clamps tightened as needed, visually chkd boost and ignition leads. Chkd and lubed all controls and det cords. Visually, chkd oil cooler for lube.
5	80/80	6	79/80	OK. Verified all controls free and operating.
7	79/80	8	78/80	C/W RD 56-06-05 Cyl. Stud failure by visual inspection OK. C/w RD 75-08-07 & SB 1235 part B Cyl. Head Separation by visual insp.
9	79/80			OK. SERVICED oil system and chkd drain valve closed and tested. RD's chkd thro T-DATA Rev. 2018-22.
				- Edward L. Dunn ATP 3476745 IA.

[illegible]

