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## PACIFIC CONTINENTAL ENGINES, INC.

10500 Airpark Way, Bldg M10, Pacoima, CA 91331 (818)899-5200 FAX (818)899-5300

FAA APPROVED REPAIR STATION #TZ3R885L

## CERTIFIED OVERHAUL TO NEW ENGINE TOLERANCES ZERO-TIME EQUIVALENT

Make:	Textron Lycoming	180
Model:	O-360-A4M	13 8
S/N:	RL-22421-36A	A 7
SMOH:	0	188
Aviation Regulation	repaired and inspected in accordance with current ons and is approved for return to service. Pertine on file at this Repair Station under	
Work Order NO:	M6140	THE SHALL
Authorized Signa	iture:	TZ3R885L
Date:	MAY-12-2009	100
	gine before overhaul 7044.8	1.00

OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS TAL EIN PACIFIC CONTINENTAL ENGINES, INC. VICE 10500 Airpark Way, Bldg M10, Pacoima, CA 91331 (818)899-5200 FAX (818)899-5300 **FAA APPROVED REPAIR STATION #TZ3R885L** RECORD OF ACCESSORIES AND MAJOR PARTS SHIPPED WITH ENGINE **DESCRIPTION** PART NUMBER SERIAL NUMBER STATUS TSO П **WORK BY** N/S Alternator N/S Starter PCE N/A 4371 06110400 0 LH Magneto N/A 0 PCE 00011488 4371 **RH Magneto** Precision 0 G97322 R 0 10-5193 Carburetor Lycoming NSN N 0 LW-15472 Fuel Pump N/S REM40E HARNESS: SPARK PLUGS: N/A NOZZLE ASM:

## 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.)

COMMENTS:

Reinstalled customer cylinders p/n LW12427 after overhaul and barel sizing to P010 oversize steel. Installed Lycoming camshaft p/n LW18840 s/n MT808, lifters p/n SL72877, and Lycoming oil pump gears p/n LW18109 and LW18110. Reinstalled customer crankshaft s/n V24081. Complied with the following Lycoming service bulletins: 475C. Complied with the following FAA airworthiness directives: 63-22-03, 72-06-05R2, 96-09-10, and 2004-10-14. The following FAA airworthiness directives are not applicable: 59-10-07, 64-16-05, 66-20-04, 69-24-03, 73-23-01, 74-18-05, 75-08-09, 80-06-05, 81-16-05, 87-10-06R1, 89-04-02, 90-04-06R1, 92-12-05, 93-11-11, 93-19-04, 95-07-01, 95-26-02, 97-15-11, 98-01-06, 98-17-11, 2005-19-11, 2006-06-16, 2006-10-21, 2006-12-07, and 2008-19-05 (see attached AD compliance record).

Authorized Signature: \_

(Air Agency

#TZ3R885L)

N - NEW

O - OHC

R - REBUILT

LINCOLN S/PER PA28-181 N82122 S/N 28-8290140 6-9-2009 INV# 5602 TACH TIME-435.5



INSPECTIONS, TESTS, REPAIRS
ISED WITH NAME, RATING AND
ACILITY. (SEE BACK PAGES FOR

REINSTALLED THIS ENGINE AFTER OVERHAUL BY PACIFIC CONTINENTAL ENGINES USING NEW ENGINE MOUNTS-QUAN 4 P/N J9613-40. ENGINE MOUNT WAS OVERHAULED BY LOREE AIRSEE YELLOW TAG DATED 9-8-2008 AND W/O 2099 FOR DETAILS. FLUSHED ALL FUEL AND OIL HOSES. INSPECTED EXHAUST SYSTEM AND REINSTALLED WITH NEW 77611 GASKETS. ENGINE CONTROLS RIGGED, LUBRICATED AND TRAVEL CHECKED. ADJUSTED MAGNETO TIMING. SERVICED WITH 8 QTS OF AEROSHELL 100 MINERAL OIL. ENGINE WAS PRE-OILED TO 25 PSI. INSTALLED NEW SPARK PLUGS AND PERFORMED GROUND RUNUPS, LEAK AND SYSTEM FUNCTION CHECKS SATISFACTORY.

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determined to be in an airw
Date: 6-9-2009 Tach:

Total Time: 7044.80

linco'n Skyways Inc. W/O.

DAUD M PAGE TA 54374049

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CORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	LINCOLN	IS ER ITRIE
			PIPER PA28-181 N82122 S/N 28-8290140 11-9-2009 INV# 5708 TACH TIME-455.2	
			CHANGED OIL AND FILTER, USED FILTER WAS OPENED AND INSPECTED SATISFACTORY, SERVICED WITH 8 QTS OF AEROSHELL 100 MINERAL. PERFORMED GROUND RUNUPS, LEAK AND FUNCTION CHECKS SATISFACTORY.	
		A GORTH	DAVID M PAGE A&P 3130153	
	2535	SAR SA	David Mary	
Marie Control		and marks		

SPECT D WIT ES.) ILITY. ( PIPER PA28-181 N82122 S/N 28-8290140 7-12-2010 INV# 6044 TACH: 465.7 CHANGED OIL AND FILTER. SERVICED WITH 8 QUARTS OF AEROSHELL 100 MINERAL. OPENED AND INSPECTED USED OIL FILTER AND SUMP SCREEN. CHECKED SATISFACTORY. COMPRESSI9ON CHECKED AS FOLLOWS: 1] 79/80 2] \*\*/80 3] 78/80 4] 79/80. REMOVED AND REINSTALLED #2 CYLINDER FOR WARRANTY REPAIRS BY CRS# TZ3R885L SEE ATTACHED FAA FORM 8130.3 FOR DETAILS. INSTALLED WITH ALL NEW GASKETS AND SEALS USING THE LYCOMING 0-360 MAINTENANCE MANUAL AS A GUIDE. TIGHTENED AND RE-SAFTIED DIP STICK HOUSING. TIMED BOTH MAGNETOS TO 25 DEG. BTC. CLEANED INDUCTION AIR FILTER. TIGHTENED ALL VALVE COVER S. C/W AD95-26-13 VISUAL INSPECTION OF OIL COOLER HOSES. ENGINE WASHED AND RUN. OPERATIONAL CHECK NORMAL. NO LEAKS NOTED...END... TOM CAMILLUCCI 2876287 AP

TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERA ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE A MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC
		1 certify that this 200006 was inspected in accordance with a ANNUAL inspection and was determined to be in an airwothy condition.  Date: 7-12-2010 Tach: 465.7  Total Time: 7075.00 T.S.M.O. 30.2  incoln Skyways Inc. W/O 6044  2876287 TA

			LINCOLN
CORDING	PET/3 0	TOTAL	Cessna
TACH	TODAYS	TIME IN	PIPER PA28-181 N82122
TIME	FLIGHT	SERVICE	S/N 28-8290140 8-23-2011
			INV# 6516 TACH TIME-486.3
			CHANGED OIL AND FILTER, USED FILTER AND SUCTION SCREEN
			INSPECTED FOR CONTAMINATION AND FOUND SATISFACTORY.
	200		SERVICED WITH 8 OTS OF W100 AEROSHELL, CLEANED GAPPED
			AND DOTATED SDADK PILIGS RETIMED LEFT MAGNETO TO
			CORRECT ORECO DIFFERDENTIAL COMPRESSION LEST. 1) 70/60 2)
			TO 20 TO 100 A) TO 100 INCOPECTED EXHAUST, INDUCTION SISTEMS.
			PERFORM AND LIDDICATED AND THE CONTROLS, WASHING
			FNGINE AND PERFORMED GROUND RUNUPS, LEAR AND STOTEM
			FUNCTION CHECKS SATISFACTORY.
			DAVID M PAGE A&P 3130153
			certify that this ENGINE was inspected in
-			accordance with a ANNUAL inspection and was
			accordance with a ANNUM inspection and was
			determined to be in an airwothy condition.  Date: 8-23-2011 Tach: 486.3
			Deta: 8-23-2011 Tach: 486.5
Secretary of the Control of the Cont			- Date:
			Total Time: 7095,60 T.S.M.O. 50.80
	4329		excoln Skyways Ixc. W/O 6516
			(/tw/m/gl IA 543740476

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DATE RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ENTRIES MECHA	PIPER PA28-181 N82122 S/N 28-8290140 10-1-2012
certify that accordance w leternined to Date: /0~/~ Total Time:	7/30,	T.S.	condition 21.0 M.O. 85	CHANGED OIL AND FILTER, USED FILTER AND OIL SUCTION SCREEN INSPECTED FOR CONTAMINATION-FOUND SATISFACTORY, SERVICED WITH 8 QTS OF AEROSHELL W100 SATISFACTORY, SERVICED WITH 8 QTS OF AEROSHELL W100 DIFFERENTIAL COMPRESSION TEST: 1) 78/80 2) 78/80 3) 78/80 POINT OF THE STREET OF THE

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RDING	0040 00	TOTAL	33
TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	13 M
59.0			
1			



PIPER PA28-181 N82122 S/N 28-8290140 11-12-2013 INV# 7512 TACH TIME-559.6

CHANGED OIL AND FILTER, USED FILTER OPENED AND INSPECTED, FOUND SATISFACTORY, INSPECTED OIL SUCTION SCREEN, FOUND SATISFACTORY. SERVICED WITH 8 QTS OF AEROSHELL W100 PLUS. DIFFERENTIAL COMPRESSION TEST: 1) 76/80 2) 76/80 3) 74/80 4) 77/80. CLEANED GAPPED AND ROTATED ALL SPARK PLUGS. CHECKED MAGNETO TIMING. REPAIRED CYLINDER #4 INJECTOR LINE. TIGHTENED AND SAFTIED OIL FILLER TUBE. CLEANED AND SERVICED INDUCTION FILTER. REPLACED RIGHT SIDE EXHAUST RISER SECURING HARDWARE. LUBRICATED ENGINE CONTROLS, WASHED ENGINE, GROUND RUNUPS AND LEAK CHECKS SATISFACTORY.

RANDALL PAYNE A&P 3075999

accordance with a ArmaL inspection and was determined to be in an airwothy condition.

Date: 11-12-2013 Tach: 559.6

Total Time: 7168.9 T.S.M.O. /24./

incoln Skyways Inc. W/O 7512

4 FA 543740476

REXING ACH TIME	TODAYS	TOTAL TIME IN SERVICE	PIPER PA28-181 N82122 S/N 28-8290140 3-3-2015 INV# 8242 TACH TIME-575.0 ENGINE TOTAL TIME-7184.3 TIME SINCE ENGINE OVERHAUL-139.5
			CHANGED OIL AND FILTER, USED FILTER AND OIL SUCTION SCREEN OPENED AND INSPECTED, FOUND SATISFACTORY. SERVICED WITH 8 QTS OF AEROSHELL W100 PLUS. DIFFERENTIAL COMP TEST: 1) 78/80 2) 78/80 3) 76/80 4) 78/80. CLEANED GAPPED AND ROTATED SPARK PLUGS, CHECKED MAGNETO TIMING, INSTALLED A NEW ALTERNATOR DRIVE BELT P/N 73965-015. CLEANED AND SERVICED INDUCTION FILTER. REPLACED EXHAUST FLANGE SECURING HARDWARE LOCKWASHERS. WASHED ENGINE, GROUND RUNUPS, LEAK CHECKS SATISFACTORY.
		2 19	PANDAYA PAYNE A&P 3075999 BRIAN PACE A&P 3300137  ICERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.——END——END——END———————————————————————

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ATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	PIPER PA28-181 N82122 S/N 28-8290140 4-28-2016
76			202-61169	INV# 9175 TACH TIME-630.2 ENGINE TOTAL TIME-7239.5 TIME SINCE ENGINE OVERHAUL- 194.7
28	630.2		7239.5	CHANGED OIL AND FILTER, USED FILTER OPENED AND INSPECTED, FOUND SATISFACTORY, OIL SUCTION SCREEN REMOVED, INSPECTED, CLEANED AND REINSTALLED. SERVICED
				WITH 8 QTS OF AEROSHELL W100 PLUS. DIFFERENTIAL COMP
				TEST: 1) 78/80 2) 78/80 3) 77/80 4) 78/80. CHECKED MAGNETO TIMING, CLEANED GAPPED AND REINSTALLED ALL SPARK PLUGS
				CLEANED INDUCTION FILTER AND FILTER HOUSING. CLEANED CARBURETOR INLET SCREEN AND REPLACED SEAL. REATTACHED
				LOOSE UPPER COWL INSULATION MATERIAL. LUBRICATED ENGINE, CONTROLS, WASHED ENGINE, GROUND RUNUPS SYSTEM
				LEAK AND FUNCTION CHECKS SATISFACTORY.
				ERIC NOFTZ A&P 3047803 RANDALL AXNE A&P 3075999  I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN  I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN AND WAS FOUND.
				ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS TOOKS TO BE IN AIRWORTHY CONDITION.
				DAVID M PAGE IA 543740476 David
				DAVID

		<i>y</i> -	7	
DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	PIPER PA28-181 N82122 S/N 28-8290140 6-8-2017 INV# 10163 TACH TIME-694.3 ENGINE TOTAL TIME-7303.6
- 2017				TIME SINCE ENGINE OVERHAUL-258.8
6-8	694.3		7303.6	CHANGED OIL AND FILTER, USED FILTER AND SUCTION SCREENS INSPECTED FOR CONTAMINATION, FOUND SATISFACTORY. SERVICED WITH 8 QTS OF AEROSHELL W100 PLUS. CLEANED GAPPED AND ROTATED SPARK PLUGS, CHECKED MAGNETO TIMING. DIFFERENTIAL COMPRESSION TEST: 1) 78/80 2) 76/80 3) 76/80 4) 77/80. CLEANED CARBURETOR INLET SCREEN AND INSTALLED A NEW SEAL P/N 16-A48-F. LUBRICATED ENGINE CONTROLS. INSPECTED EXHAUST AND INDUCTION SYSTEMS, WASHED ENGINE, GROUND RUNUPS, LEAK AND FUNCTION CHECKS SATISFACTORY.  DAVID M PAGE A&P 3130153
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION———————————————————————————————————

	News .		
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN ENTRIES MUST BE ENDORSED WITH NAME DATING AND ALTE SERV LINCOLN PIPER PA28-181 N82122
2-5	771.5		S/N 28-8290140 2-5-2018  INV# 10672 TACH TIME-771.5 ENGINE TOTAL TIME-7380.8  TIME SINCE ENGINE OVERHAUL-336.0
			CHANGED OIL AND FILTER, USED FILTER OPENED AND INSPECTED, FOUND SATISFACTORY, OIL SUCTION SCREEN INSPECTED, FOUND SATISFACTORY. SERVICED WITH 8 QTS OF AEROSHELL W100 PLUS AND NEW CH48110-1 FILTER. REPAIRED CARBURETOR HEAT SHROUID USING FABRICATED AND RIVETTED STAINLESS 302 DOUBLERS. CLEANED GAPPED AND ROTATED SPARK PLUGS. DIFFERENTIAL COMP CHECK:  1) 76/80 2) 78/80 3) 76/80 4) 76/80. LUBRICATED ENGINE CONTROLS, TIGHTENED ROCKER ARM COVER, INTAKE AND EXHAUST FLANGE HARDWARE AND INTAKE ELBOW HOSE CLAMPS TIGHTENED CYLINDER #4 PRIMER LINE TO ALLEVIATE FUEL LEAK. INSPECTED MAGNETO CONTACTS AND RETIMED BOTH MAGNETOS TO ENGINE. WASHED ENGINE, GROUND RUNUPS AND LEAK CHECKS SATISFACTORY. ADJUSTED IDLE SPEED AND MIXTURE SETTINGS.
			DAVID M PAGE A&P 3130153  I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.  DAVID M PAGE 1A 5130153

2409 Rickenbacker Way Tel: 530,889,2000 Aubum, CA 95602 Fax: 530.852-0311 Date: 21 Mar 2019 N82122 Work Order #: 2731 Make: Lycoming O-360-A4K Tach: 825.4 TTIS: 7434.7 TSMOH: 389.9 Serial No. RL-22421-36A Emgline: The aircraft engine identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below. Changed oil and filter. Cut open old filter and inspect, no metal found. Serviced engine with 8 quarts of Aeroshell W100 plus oil. Serviced, tested and rotated all spark plugs. Checked magneto to engine timing. Compression check results: #177/80 #2 72/80 #3 73/80 #4 74/80. Cleaned and serviced induction air filter. Cleaned and exercised stiff mixture control cable assembly, ops check good. Replaced broken forward baffle seal attachment rivet. Ground runs good, no leaks noted Robert J Burnett A&P 3633440 Date: 21 Mar 2019 Work Order #: 2731 Make: Lycoming O-360-A4 Tach: 825.4 TTIS: 7434.7 TSMOH: 389.9 Serial No. RL-22421-36 Engine: The aircraft engine identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below. Engine was inspected in accordance with an Appual inspection and was determined to be in an Airworth I certify that this condition. Signature: Robert J Burnett A&P 3633440 L 2409 Rickenbacker Way Auburn, CA 95602



Tel: 530.889.2000 Fax: 530.852-0311

Date: 01 May 2020

N82122

Work Order #: 3103

Make: Lycoming O-360-A4K Serial No. RL-22421-36A

Tach: 903.9

DA

19.

TTIS: 7513.2

TSMOH: 468.4

Engine: The aircraft engine identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below.

Changed oil and filter. Cut open old filter and inspect, no metal found. Serviced engine with 8 quarts of Aeroshell W100 plus oil. Serviced, tested and rotated all spark plugs. Checked magneto to engine timing. Compression check results: #1 77/80 #2 77/80 #3 73/80 #4 74/80. Cleaned and serviced induction air filter. Replaced carburetor heat box shaft grommets. Resealed aft, upper accessory case bolts. Replaced #1 and #2 cylinder exhaust gaskets. Ground runs good, no leaks noted.

Signature:

Robert J Burnett A&P 3633440

Date: 01 May 2020

Tach: 903.9

N82122

TTIS: 7513.2

Work Order #: 3103

TSMOH: 468.4

Make: Lycoming O-360-A

Serial No. RL-22421-3

Engine: The aircraft engine identified above was repaired and inspected in accordance with current maintenance rules under the FARs and is approved for return to service with respect to the work below.

I certify that this Engine was inspected in accordance with an Annual inspection and was determined to be in an Airwor condition

Signature:

Robert J Burnett A&P 3633440