



PACIFIC CONTINENTAL ENGINES, INC.

16041 ARMINIA ST.

VAN NUYS, CALIF. 91406

CERTIFIED STATION

TZ3R885L

ENGINE LOG BOOK

ENGINE LOG BOOK

WARNING: . . . AUTOMOTIVE FUELS ARE NOT RECOMMENDED FOR USE IN AIRCRAFT ENGINES. THE USE OF ANY FUEL OTHER THAN AN APPROVED AVIATION GRADE FUEL WILL VOID ALL WARRANTIES.

NO WARRANTY ON PARTS AND/OR LABOR WITHOUT PRIOR WRITTEN AUTHORIZATION FROM PACIFIC CONTINENTAL ENGINES, INC.
CALL FOR WARRANTY CONSIDERATION
(818) 781-4947

AIRCRAFT ENGINE LOG FOR

BOOK NO. _____

ENGINE MAKE LYCOMING MODEL O-320-E20 SERIAL NO. L-34657-22

MANUFACTURER TEXTRON DATE OF MFG. _____ WEIGHT _____

HP. _____ AT _____ RPM DISPLACEMENT _____

OIL WEIGHT — SUMMER _____ WINTER _____

OIL CAPACITY _____ QTS. FUEL MIN. OCTANE _____

FIRING ORDER _____ SPARK PLUG GAP _____

BREAKER POINT GAP _____ IGNITION TIMING _____

VALVE CLEARANCES _____

OIL PRESSURE _____ OIL TEMP. RANGE _____

PROPELLER MAKE _____ MODEL _____ SERIAL NO. _____

PITCH _____ LENGTH _____ REMARKS _____

NAME _____

ADDRESS

PURCHASE
DATE

SELL DATE

[illegible]

PACIFIC CONTINENTAL ENGINES, INC.
FAA APPROVED REPAIR STATION #TZ3R885L
16041 ARMINTA ST. • VAN NUYS, CA.

PH. 818-781-4947

ALL ENGINE ACCESSORIES ARE GUARANTEED FOR SIX MONTHS OR 240 HOURS, WHICHEVER OCCURS FIRST. NO EXCEPTIONS! ENGINE ACCESSORIES DEFECTIVE AS CONTINUED TO BE TYPE-TESTING FULL ENGINE TEST TO 6,000 RPM FOR FOUR HOURS MINIMUM ON V-POR, P-100, P-100Z, P-100L, P-100R, P-100S, P-100T, P-100U, P-100V, P-100W, P-100X, P-100Y, P-100Z, P-100L, P-100R, P-100S, P-100T, P-100U, P-100V, P-100W, P-100X, P-100Y, P-100Z.

PACIFIC CONTINENTAL ENGINES, INC.

FAA APPROVED REPAIR STATIONS #TZ3R885L

16041 Arminta Street, Van Nuys, CA 91406

RECORD OF ACCESSORIES AND MAJOR PARTS SHIPPED WITH ENGINE

			NEW				
			REBUILT				
			OHC				
ALT/GEN	P/N	<u>N/S</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
STARTER	P/N	<u>122-24PM</u>	S/N	<u>C4P350005</u>	N/R/O TT	<u>⊖</u>	TSO <u>⊖</u> BY <u>SKY-TEC</u>
<u>L. MAGNETAL</u>	P/N	<u>4371</u>	S/N	<u>97041138</u>	N/R/O TT	<u>⊖</u>	TSO <u>⊖</u> BY <u>UNISON</u>
R. MAGNETO	P/N	<u>4370</u>	S/N	<u>97040081</u>	N/R/O TT	<u>⊖</u>	TSO <u>⊖</u> BY <u>UNISON</u>
<u>CARB/SERV/OIL FRTL & CNTRL</u>	P/N	<u>10-5009</u>	S/N	<u>BL197849</u>	N/R/O TT	<u>⊖</u>	TSO <u>⊖</u> BY <u>PRECISION</u>
FUEL PUMP	P/N	<u>N/A</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
FLOW DIVIDER	P/N	<u>—</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
FUEL REGULATOR	P/N	<u>—</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
TURBOCHARGER	P/N	<u>—</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
CONTROLLER	P/N	<u>—</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
CONTROLLER	P/N	<u>—</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
PR VALUE	P/N	<u>—</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
WASTEGATE	P/N	<u>—</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
VACUUM PUMP	P/N	<u>—</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
HYDRAULIC PUMP	P/N	<u>—</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
PROPELLER	P/N	<u>—</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>
PROPELLER GOVERNOR	P/N	<u>—</u>	S/N	<u>—</u>	N/R/O TT	<u>—</u>	TSO <u>—</u> BY <u>—</u>

NOZZLE ASM N/A

SPARK PLUGS REM38E

HARNESS A30-5A5-II

COMMENTS:

INSTALLED SUPERIOR NEW MILLENNIUM CYLINDER KITS P/N SL32000WA21P
AT THIS OVERHAUL. INSTALLED SKY-TEC STARTER P/N 122-24PM PER
STC # SE00357NY ————— END

DATE

Nov 16, 1999

INSPECTION
REFERENCE
DATA

BRT.

FWD.

~~June 01, 2000~~

N185SR

TACH: 0.00

TSMOH: 0.00 hrs. ENGINE TT: 1800.00

Removed Lycoming O-235-L2C engine. Installed Lycoming O-320-E2D engine, SN L-34657-27A
Per Aircraft Conversion Technologies STC SA4795SW. New exhaust/muffler installed as
Supplied by Aircraft Conversion Technologies. Magnetos set to 26°BTC. Engine serviced with
8 qts. Aeroshell 100W mineral oil for break-in.



Roy S. Williams

A&P 3426264

:

:

:

DATE

MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

Nov. 16, 1999

TSMOH 0.00 HRS.

TTSNEW 1812.0

ENGINE INSTALLED THIS DATE IN CESSNA 152,

SN 15283215 IAW ACT STC. SA 47955W.

SEE FORM 337 DATED NOV. 9, 1999 FOR DETAILS.

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
6-24-2004	TACH 13.6	TOTAL	TIME ENGINE 1825.6	TIME SINCE MAJOR OVERHAUL		
13.6	ANNUAL INSPECTION	COMPLETED	THIS DATE,	OIL + FILTER CHANGED		
USING AEROSHELL 100W	AD'S CHECKED ON ATP	COMPLIED WITH AD 98-02-24				
BY INSPECTION OF INNER	CRANKSHAFT FOR CORROSION	NONE FOUND, RUN-				
UP & LEAK CHECK GOOD	I CERTIFY THAT THIS ENGINE HAS BEEN					
INSPECTED IN ACCORDANCE	WITH AN ANNUAL INSPECTION AND WAS					
DETERMINED TO BE IN	AIRWORTHY CONDITION	Nelson A. Brown #1328422				
:	:	:				
:	:	:				
:	:	:				
:	:	:				
:	:	:				
TOTALS	:	:	:			

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE

MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

08-18-2008 TAC 24.7 Engine inspected per a 100 hr Inspection.
Checked magneto timing. Checked Compression as follows
#1 $\frac{78}{80}$ #2 $\frac{77}{80}$ #3 $\frac{78}{80}$ #4 $\frac{77}{80}$, Checked filter for
metal ect. None found. Drained oil tank - Installed
8qt Acrosnell 50W Plus. Checked all controls and systems.
Tightened oil filter tube and adjusted - Stopped small crack
in Air box at upper bend Radiator.

This Engine has been inspected
in accordance with a 100 hr in-
spection and found to be in air
worthy condition.

Signed

James H. Penkberg

A&P

1749866

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTOR'S REFERENCE DATA
BRT. FWD.	:	:	:			
JUNE 24: 2010	:	TACH: 25.5	TSMOH 25.5			
	:	INSPECTION COMPLETED THIS DATE. LUBRICATE ALL CONTROLS				
	:	AND CABLES. OIL DRAINED AND SERVICED WITH 6 QTS.				
	:	ACROSWELL 100W. COMPRESSION: B1 76/80 B2 76/80 B3 79/80 B4 77/80				
	:	C/W AD 98102-08 BY INSPECTION OF CRANKSHAFT - OK. INSPECT				
	:	AND GAP SPARKPLUGS. ENGINE RUN UP AND LEAK CHECK OK. END				
<p>This is to certify that this aircraft/engine has been inspected in accordance with an <u>100 NR.</u> inspection and found in an airworthy condition.</p> <p><i>Ray S. Williams</i> 3426264 I.A.</p>						
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

JUNE 17, 2011 TACH 26.7 TSMOH 26.7

INSPECTION COMPLETED THIS DATE. LUBRICATE ALL CABLES

AND CONTROLS. NEW BRACKETT AIR FILTER INSTALLED. OIL DRAINED

AND SERVICED WITH 6 QTS. AGROSHELL 100W, COMPRESSION:

#1 $\frac{77}{80}$ #2 $\frac{75}{80}$ #3 $\frac{75}{80}$ #4 $\frac{76}{80}$. C/W AD 98-02-08

BY INSPECTION OF CRANKSHAFT — FOUND OK. CLEAN SPARK PLUGS.

RUN UP AND LEAK CHECK OK. END

This is to certify that this aircraft/engine has been inspected in
accordance with an 100 HR. inspection
and found in an airworthy condition. *Ray S. Williams*

3426264 1A.

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING
BRT. FWD.	:	:	:		
JUNE 30, 2012	:	:	TACH: 27.4	TSMOH	27.4
INSPECTION COMPLETED THIS DATE. ALL CONTROLS AND					
CABLES LUBED: MAGNETO TIMING CHECKED. SPARK PLUGS					
INSPECTED AND CLEANED. OIL DRAINED AND SERVED WITH					
6 QTS: AEROSHELL 100W. COMPRESSION #1 $\frac{75}{80}$ #2 $\frac{77}{80}$					
#3 $\frac{77}{80}$ #4 $\frac{73}{80}$ C/W AD 98-02-08 BY INSPECTION OF					
CRANKSHAFT - NO CORROSION FOUND. ENGINE RUN UP AND					
LEAK CHECK OK. END.					
:	:	:	:		
:	:	:	:		
:	:	:	:		
:	:	:	:		
TOTALS	:	:	:		

This is to certify that this aircraft/engine has been inspected in accordance with an 100 HR. inspection and found in an airworthy condition.

Ray J. Williams
3426264 A.

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE

MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

JUNE 18, 2013 TACH 28.9 TSMON 28.9

INSPECTION COMPLETED THIS DATE. ALL CONTROLS AND
CABLES INSPECTED AND LUBED. ENGINE MOUNT INSPECTED.BRACKETT AIR FILTER REPLACED. OIL FILTER REPLACED. OIL
DRAINED AND SERVICED WITH 6 QTS. AEROSHELL 100W. C/W

AD 98-02-08 BY INSPECTION OF CRANKSHAFT - OK.

COMPRESSION: #1 $\frac{74}{80}$ #2 $\frac{74}{80}$ #3 $\frac{75}{80}$ #4 $\frac{74}{80}$. ENGINE

RUN UP AND LEAK CHECK OK. END

This is to certify that this aircraft/engine has been
inspected in accordance with an 100 HR.
inspection and found in an airworthy condition.

Roy S. Williams
APP 3426264 1A

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
JUNE 30; 2014	:	:	TACT 29.5 TSMON 29.5			
	:	:	INSPECTION COMPLETED THIS DATE. ALL CONTROLS AND			
	:	:	CAB 265 LUBED. COMPRESSION #1 76/80 #2 73/80 #3 72/80 #4 76/80			
	:	:	OIL CHANGED AND SERVICED WITH 6QTS. MOBIL SHELL 100W.			
	:	:	C/N AD 98-03-08 BY INSPECTION OF CARRIAGES - OK			
	:	:	MAGNETO TIMING CHECKED. FUEL PUMP BOWL REMOVED, GASKETS			
	:	:	REPLACED, AND REINSTALLED AND SERVICED. ENGINE RUN UP			
	:	:	AND LEAK CHECK OK. END			
	:	:				
	:	:				
	:	:				
	:	:				
TOTALS	:	:	:			

This is to certify that this aircraft/engine has been inspected in accordance with an 100 HR inspection and found in an airworthy condition.

Ray S. Williams
NRP 3426264

All repairs, inspections, alterations must be endorsed by a certified mechanic or repair agency with name, rating and cert. no.

DA

N185SR

Cessna 152

Lycoming O-320-E2D

Ser # L-34657-27A

Tach Time 30.2 SMOH 30.2

Compressions All 70/80 or better

Checked AD's, none outstanding or reaccuring

Ran and leak checked engine

This powerplant has been inspected in accordance with an annual inspection and found to be in airworthy condition at this time

B/KM

03/01/2018

Brian Klenoski A&P 3211171 IA

N185SR

Cessna 152

Lycoming O-320-E2D

Ser # L-34657-27A

Tach Time 38.0 SMOH 38.0

Compressions All 72/80 or better

Checked AD's, none outstanding or reaccuring

Ran and leak checked engine

This powerplant has been inspected in accordance with an annual inspection and found to be in airworthy condition at this time

B/KM

02/10/2020

Brian Klenoski A&P 3211171 IA

[illegible]

NAME <i>Williams</i>		RECEIVED A.M. P.M.		DATE
ADDRESS		PROMISED A.M. P.M.		CUSTOMERS ORDER NO.
CITY		PHONE		TERMS
				ORDER WRITTEN BY
MAKE & MODEL		YEAR	SERIAL NUMBER	LICENSE NUMBER
PLANE <i>C-150</i>				<i>N185SR</i>
MOTOR <i>O-320-62D</i>				
				HOURS

OPERATION NO.	REPAIR ORDER INSTRUCTIONS	LABOR CHARGE
	Removed engine case and installed gear PN 72231 to drive Push Rod shaft PN 61544. Installed accessory case PN 74515 with new gaskets. Installed oil pump with new gasket change fuel filter at Carb. Installed 90 & 1/2 inch in 15472 fuel Pump. Routed fuel hose to carb. Tuff new fuel hose #303-8 with fuel line seal. Installed new hose on crank case & serviced with 7qt Shell 100 motor oil. Run up & adjusted idle speed & mixture.	
	23 hrs at 30.00	680.00

X

PHONE WHEN READY: YES ☐ NO ☐

TOTAL LABOR	
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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ACCESSORIES

GAS, OIL & GREASE

OUTSIDE REPAIRS

TAX

TOTAL AMOUNT

no.

INSPECTED BY:

N185SR

Cessna 152

Lycoming O-320-E2D

Ser # L-34657-27A

Tach Time 48.7 SMOH 48.7

Compressions #1 72/80, #2 72/80, #3 70/80, #4 72/80

Cleaned, gaped and rotated plugs, checked mag timing

Replaced Dry Air Pump with new PN RAP215CC ,S/N A56258


Checked AD's, none outstanding or reaccuring

Ran and leak checked engine

This powerplant has been inspected in accordance with an annual inspection and found to be in airworthy condition at this time

INSPECTION
REFERENCE
DATA

03/01/2022


Brian Klenoski A&P 3211171 IA

	.	.	.			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

Engine Log Entry N185SR

Date: 08/09/2023

Tach: 59.2

TSMOH: 59.2

ENGTT: 1871.2

DA

Lycoming O-320-E2D, SN: L-34657-27A

Performed routine service and maintenance. Performed a compression check and the results were as follows: 1) 75/80, 2) 71/80, 3) 76/80, 4) 70/80. Borescoped cylinders and noted no abnormalities at this time. Changed oil and filter. Cut old filter and inspected, no metal detected at this time. Removed oil suction screen and inspected, OK at this time. Refilled with Aeroshell W100. Installed new Tempest AA48110-2 filter. Replaced intake air filter element with new Brackett BA-6108. Replaced valve cover gaskets with new REAL RG-75906. All work performed in accordance with current manufacturer's service manuals and installation instructions. Performed a run up and operated to specs and free of leaks at this time. I certify that this engine has been inspected in accordance with a 100 hour inspection this date and has been determined to be in airworthy condition.


Richard G McCullough A&P 3804699

Park City Aviation LLC 715 302-1049



1817 Hwy 10W
Detroit Lakes MN 56501

N185SR TT 76.7 TSMOH 76.7 ETT 1888.7 April 26, 2024

Complied with a 100 hour inspection.

Compression results: #1-78/80, #2-78/80, #3-75/80, #4-78/80.

Drained oil and changed filter P/N AA48110-2. Cleaned oil suction screen.

Serviced engine with 8 quarts of Aeroshell 15W50 oil.

Cut old filter, no unusual contaminants noted.

Sent both magnetos to Aircraft Magneto Service Stevensville, MT for a 500 hour inspection. Installed and timed to engine upon return. See Aircraft

Magneto Service WO#s 47605 and 47606 for details.

Ground run and leak checks satisfactory.

AD search complied with thru this date.

I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Sign Erik Carlson

Erik Carlson A&P 2826620

Date 4-26-2024

TOTALS

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N185SR Lycoming 0-320-E2D S/N: L-34657-27A Engine Total Time: 1901.2

15 October 2025 Tach Time: 89.2 SMOH: 89.2

100 Hour Inspection for Annual completed this date using a check list that contains the scope and detail of FAR 43 appendix D as a guide. Compression test: #1) 76/80, #2) 75/80, #3) 76/80, #4) 75/80. Changed engine oil and filter using (Shell 15W-50). Checked and lubed engine controls. Pressure tested exhaust system. Installed new fuel and oil hose assemblies. Installed new rubber engine mounts. Complied with Lycoming AD 98-02-08 (crankshaft) by removing propeller, center crankshaft plug. Cleaned and inspected crankshaft flange and bore for cracks or corrosion. No defects found. Installed a new crankshaft seal. Installed a new Brackett air filter. Sealed baffles as needed left upper engine mount area. Lycoming AD 2024-21-02 (Connecting rod failure) N/A by date of overhaul. Lycoming D 2017-16-11 (Connecting Rod Failure) N/A by date of overhaul. Lycoming AD 2015-02-07 (Governor Screw) N/A by governor not installed. Lycoming AD 2012-03-07 (Carburetor) N/A by model number. Lycoming AD 2009-26-12 (Cylinders) N/A by cylinder manufacture. AD's checked through Biweekly 2025-20. Post inspection engine ground run-up, operational, and leak check good. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**


Kevin Mosher A&P3443784

w/o 46222

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

[illegible][illegible]

[illegible]

Report Produced By: PCE 1		Address:		Phone:	
Airworthiness Directive Compliance Record				Profile ID: NEW	
Date: 08/29/1997		Manufacturer: Model		Part #: Serial #: L-34657-27A	
Textron Lycoming O-320-E2D					
AD Number Ctry - AD# Rev - Para		1. Subject 2. Comments		1. Status 2. Method of Compliance/ Applicability	
55-02-02 02/28/1955		Engine accessory drive adapter gasket		One or Recur 1. Date 2. Time	
59-10-07 07/01/1959		Cylinder baffle clamps		One	
63-23-02 08/06/1968		Exhaust valves and valve guides		Recur	
64-16-05 07/10/1964		To preclude the possibility of engine oil being drained overboard as a result of oil seal failure, contd.		One	
66-20-04 08/27/1966		To prevent further failures of oil filter adapter gasket, p/n 74904		One	
75-08-09 R(3) 08/18/1977		To prevent oil pump failures, inspect, replace and assemble the oil pump drive shaft and drive impeller		One	

Report Produced By: **PCE 1**

Address:

Phone:

Date: 08/29/1997

Airworthiness Directive Compliance Record

Profile ID: **NEW**

Manufacturer: **Textron Lycoming** Model: **O-320-E2D**

Part #:

Serial #:

AD Number Ctry - AD# Rev - Para	1. Subject 2. Comments	Complied 1. Date 2. Time	1. Status 2. Method of Compliance/ Applicability	One or Recur	Next Due 1. Date 2. Time	1. Authorized by 2. Facility 3. Cert. Type 4. Cert. Number
81-18-04 R2 06/07/1982	Superseded by 96-09-10	/	/	One		
87-10-06 R1 09/01/1989	To prevent possible rocker arm failure and loss of engine power, inspect and rework or replace rocker arm, contd.	/	N/A BY SERIAL NUMBER.	One	Signature:	
90-04-06 R1 05/28/1991	To prevent oil line fracture and loss of engine oil	/	N/A - NO GOVERNOR.	One	Signature: PCE 1	
91-08-07 C 05/06/1991	To prevent engine power loss and possible loss of the aircraft	/	N/A - NO FUEL PUMP. N/A BY ENGINE MODEL	One	Signature: PCE 1	
91-14-22 08/19/1991	To prevent loosening or failure of the crankshaft gear retaining bolt, which may cause sudden engine failure	05-21-97	COMPLIED WITH TEXTRON SB475B AT OHC.	Recur	Signature: PCE 1	
92-12-05 07/10/1992	To prevent piston pin failure, or piston release, and engine failure	/	N/A PER TEXTRON SB501B.	One	Signature: PCE 1	
					Signature: PCE 1	

N SUMMARY

AIRWORTHINESS CERTIFICATION
AUTHORIZED SIGNATURE & CERT. NUMBER

Report Produced By: PCE 1		Address:		Phone:	
Airworthiness Directive Compliance Record					
Date: 08/29/1997		Manufacturer: Textron Lycoming		Model: O-320-E2D	
Part #:		Serial #:		Profile ID: NEW	
AD Number Ctry - AD# Rev - Para	1. Subject 2. Comments	Complied 1. Date 2. Time	1. Status 2. Method of Compliance/ Applicability	One or Recur	Next Due 1. Date 2. Time
92-20-07 L 10/05/1992	Superseded by 93-05-21	/		One	
93-05-21 L 03/25/1993	Superseded by 93-11-11	/		One	Signature:
93-11-11 06/21/1993	To prevent disruption of fuel flow to the engine, which can result in a loss of engine power	/	N/A - NO FUEL PUMP N/A BY PN N/A BY RECURRY NEW INSTALLATION	One	Signature:
94-14-13 L 06/23/1994	Superseded by 95-26-02	/		One	Signature: PCE 1
95-26-02 01/24/1996	To prevent detonation due to low octane, which can result in severe engine damage and subsequent failure	/	NOT AFFECTED	One	Signature:
96-09-10 C 07/15/1996	To prevent oil pump failure due to impeller failure, which could result in an engine failure	05-21-97	INSTALLED TEXTRON GEAR KIT P/N 057C19423 AT THIS OHC.	One	Signature: PCE 1
					Signature: PCE 1

Date:

08/29/1997

Airworthiness Directive Compliance Record

Profile ID: **NEW**

Manufacturer

Model

Textron Lycoming

O-320-E2D

Part #:

Serial # :

AD Number
Ctry - AD#
Rev - Para

1. Subject
2. Comments

Complied
1. Date
2. Time

1. Status	
2. Method of Compliance/ Applicability	

One	or	Recur
-----	----	-------

Next Due
1. Date
2. Time

1. Authorized by
2. Facility
3. Cert. Type
4. Cert. Number

97-01-03
01/21/1997

To prevent piston pin failure, which could result in engine failure

N/A INSTALLED ADL TECH
PISTON PWS P/N AL4077-1

One

Signature: _____

END

Signature: _____

~~Signature:~~

Signature: _____

Signature: _____

Signature: _____

AIRCRAFT RECORDS - DO NOT DESTROY

engine

Company
 Manufacturer TEXTRON LYCOMING
 Model O-320 SERIES
 Location
 Serial #
 TSMOH
 Total Time

97-01-03 Method of Compliance SB # Signature	01/21/97	SUPERSEDED BY AD 97-15-11/ Date	Has AER Tech Astor Pin? Next Due Cert. # P/A LTT-1
97-15-11 Method of Compliance SB # Signature	08/12/97	PISTON PIN RECALL/ Date	Next Due Cert. #
*98-02-08 Method of Compliance SB # Signature	03/30/98	CORROSION PITS IN I.D. OF CRANKSHAFT/ Date Does not apply to	0320 E2D (150)hp Next Due Cert. #
98-17-11 Method of Compliance SB # Signature	10/19/98	CRANKSHAFT CRACKS/ Date No work performed by Nelson Palomarez	Next Due Cert. # cert # NB 72E203
*00-18-53 Method of Compliance SB # Signature	09/05/00	SUPERSEDED BY AD 2002-12-07/ Date	Next Due Cert. #
*02-12-07 Method of Compliance SB # Signature	07/03/02	OIL FILTER CONVERTER PLATE GASKET/ Date Does not apply	Next Due Cert. #
04-10-14 Method of Compliance SB # Signature	06/25/04	CORRECTED BY AD 2004-10-14 C1/ Date No Propeller Strikes Recorded	Next Due Cert. #
*04-10-14 C1 Method of Compliance SB # Signature	06/25/04	CRANKSHAFT GEAR AND GEAR RETAINING BOLT/ Date	Next Due Cert. #

Prepared by _____ Date _____

05-26-10
Method of Compliance
SB #
Signature

01/31/06

Record
SUPERSEDED BY AD 2006-12-07/
Date

Next Due
Cert. #

06-12-07
ASSEMBLIES/
Method of Compliance
SB #
Signature

07/11/06

ENGINE COMPONENTS, INC. PARALLEL VALVE CYLINDER
Date *Has Superior new Millionaire cylinders*

Next Due
Cert. #

07-04-19
Method of Compliance
SB #
Signature

03/12/07

REVISED BY AD 2007-04-19 R1/
Date

Next Due
Cert. #

07-04-19 R1
Method of Compliance
SB #
Signature

05/07/07

SUPERIOR AIR PARTS, INC. CAST CYLINDER ASSEMBLIES/
Date *Applies to 470 & 520 cylinders*

Next Due
Cert. #

Prepared by *[Signature]*

Date *07-10-08*

[illegible][illegible]

