

N2241P

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

SERVICEABLE PART

Manufacturer TEXTRON LYCOMING
Part Name AIRCRAFT ENGINE
Model No. O-360-A4M
Serial No. L - 15632-36A
Remarks _____

The aircraft engine or accessory identified above was:

☐ Rebuilt

☒ Overhauled

☐ Repaired

and inspected in accordance with current Regulations
of the Federal Aviation Administration and is approved
for return to service.

Pertinent details of the repair are on file at this repair
station under order no: GJ197973

Date 2/22/03

Signed

William E. Snyder

Signature of Authorized Person

FOR:

LYCOMING

A Textron Company

652 Oliver Street
Williamsport, PA 17701 USA

FAA Repair

Station #EJ1R115K

Form 302A Rev. 3/01

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-6181

N2241P

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING 0-360-A4M L-15632-36A
MAKE MODEL SERIAL

FROM 04-21-03 TO _____

DETAILING TIME FROM TOTAL TIME 4711.83 TO _____
HOURS HOURS

SSP 1872-1

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October 1994

LYCOMING

A Textron Company

652 Oliver Street
Williamsport, PA. 17701 U.S.A.

TLRED-489

(Rev. 3-02)

This engine has been overhauled/~~rebuilt~~ in accordance with the applicable Lycoming manuals. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: O-360-A4M
Serial #: L-15632-36A
Total Time: 4711.83
Work Order #: GJ197973
Date Completed: 2/22/03

Authorized Signature

Lycoming Engines

652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date
Type	Model	Serial No.
Rated H.P.	Max. H.P.	Weight (Dry)
Rated R.P.M.	Max. R.P.M.	Oil Pressure
Bore	Stroke	Displacement Cu. In.
Compression Ratio	Supercharger Ratio	
Reduction Gear Ratio		
Propeller	Hub Design	Hub Serial No.
Blade Design	Blade Serial No.	Blade Serial No.
Max. Hub H.P.	Max. Blade H.P.	
Pitch	Diameter	Length
Name		
Address		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
04-21-03	—	—	INSTALLED THIS ENGINE IN PIPER PA28-181, N2241P, SERIAL #		
TACH	2919.0		28-7990294. SERVICED ENGINE WITH 8QTS OF AEROSHELL		
TTENG	4711.83		"OIL 80" MINERAL OIL. INSTALLED USED SERVICEABLE ALTERNATOR		
TGOM	Ø		AND VALVUM PUMP. INSPECTED AND REPAINTED ENGINE MOUNT.		
			INSTALLED USING ALL (4) NEW ENGINE SHOCK MOUNTS PART#		
			J-9613-40. INSTALLED NEW ENGINE HOSE KIT SUPPLIED BY		
			VAN BORTEL AIRCRAFT, INC (PART# PA28-181-1). REPAIRED ENGINE		
			BAFFLING AS NEEDED AND REPLACED ALL FLEX BAFFLING.		
			INSTALLED NEW ALTERNATOR BELT PART# 73965-015 AND		
			NEW AIR FILTER PART# BA-3. INSTALLED PROPELLER →		
			Page Total	All Repair Data Must Bear the Endorsement of a <i>CONTINUED</i> Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
04-21-03			RECONDITIONED BY MIDWEST AIRCRAFT PROPELLERS, INC -		
CONTINUED			SEE PROP LOG BOOK. PERFORMED GROUND RUNUP AND TEST FLIGHT -		
			- ALL GROUND AND AIR CHECKS SATISFACTORY.		
			<i>Gregory L. Kirk Wapacki</i>		
05-19-03			CHANGED OIL AND FILTER. SERVICED ENGINE WITH 8 QTS		
TACH 2942.1			OF AEROSHELL "OIL 80" MINERAL OIL. INSTALLED NEW OIL		
			FILTER PART# CH48110. CUT OPEN AND INSPECTED OLD FILTER.		
			PERFORMED ENGINE RUNUP. ALL CHECKS SATISFACTORY.		
			<i>Gregory L. Kirk Wapacki</i>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
06-09-03	—	—	CHANGED OIL AND FILTER. SERVICED ENGINE WITH 8 QTS OF TACH 2966.8 AEROSHELL 15W50 WT OIL. INSTALLED NEW FILTER PART # CH48110. CUT OPEN + INSPECTED OLD FILTER. PERFORMED ENGINE RUNUP. ALL CHECKS SATISFACTORY. —————		
			<i>Greg L. L. Murphy</i> AEP320625336 IA		
07-21-03	—	—	CHANGED OIL AND FILTER. SERVICED ENGINE WITH 8 QTS TACH 3022.8 OF AEROSHELL 15W50 WT OIL. INSTALLED NEW OIL FILTER PART # CH48110. PERFORMED ENGINE RUNUP. ALL CHECKS SATISFACTORY. <i>Greg L. L. Murphy</i> AEP320625336 IA		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
08-19-03	—	—	PERFORMED OIL CHANGE. SERVICED ENGINE WITH 8 QTS OF AEROSHELL TACH 3067.3 15W50 WT OIL. INSTALLED NEW OIL FILTER PART# CH48ND. PERFORMED COMPRESSION CHECK: #1-78/80 #2-76/80 #3-74/80 #4-79/80. CLEANED, GAPPED, TESTED & RE-INSTALLED SPARK PLUGS. INSTALLED NEW AIR FILTER PART# BA-3. PERFORMED ENGINE RUNUP - ALL CHECKS SATISFACTORY.	<i>[Signature]</i> AAP32062533624	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
09-24-03	—	—	CHANGED OIL AND FILTER. SERVICED ENGINE WITH 8 QTS OF AEROSHELL		
TACH	3116.3		15W50W/OIL. INSTALLED NEW OIL FILTER PART # CH48110.		
			PERFORMED ENGINE RUNUP - ALL CHECKS SATISFACTORY.		
			<i>Henry A. With Wyndol</i>		
10-30-03	—	—	CHANGED OIL & FILTER. SERVICED ENGINE WITH 8 QTS OF AEROSHELL		
TACH	3168.2		15W50OIL. INSTALLED NEW OIL FILTER, PART # CH48110. PERFORMED		
			COMPRESSION CHECK: #1-78/80 #2-76/80 #3-75/80 #4-78/80. CLEANED,		
			GAPPED, TESTED & RE-INSTALLED SPARK PLUGS. PERFORMED ENGINE		
			RUNUP - ALL CHECKS SATISFACTORY. <i>Henry A. With Wyndol</i>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
02-20-04			Tach 3196.5 3196.5 Drained oil - Removed oil filter cut open and checked for metal (none found) installed new CH48110-1 oil filter filled with 8 Qts AeroShell W 15-50 oil - checked compression #1 78/80 #2 78/80 #3 78/80 #4 78/80 - cleaned gapped & test plug & reinstalled Replaced Rear muffler bad flame tube - installed new Mother from AeroFabrications Lyons WI - installed new ALTERNATOR - Replaced Cabin Heat Aeroduct Hose with new Aeroduct SCAT-12 Hose - installed new BA-3 Air filter Element - Dressed & PAINT Prop - Test run no leaks noted.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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			Total to Date		

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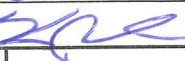
ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
02-20-04	Tech	3196.5	1 Certify That I have inspected this ENGINE in accordance with a Annual inspection and it was determined to be Air worthy — Charles Williams ATP 31830 & 157 IA		
04-02-04	Tech	3219.7	Drained oil - removed oil filter & open checked for metal (none found) - installed new CH 48110 oil filter filled with 8 qts AeroShell 15-50 oil - cleaned & gapped plugs and re installed - Charles Williams ATP 31830 & 157 IA		
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

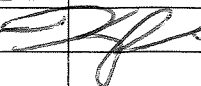
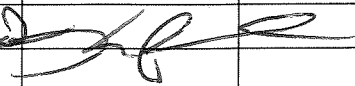
ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6/14/04	Tech:	3272.46	Drained oil and removed filter cut open checked for metal "none found" installed new filter and serviced oil w/ Acrostell 15w/50 8 quarts. compression ck #1: 7/80, #2: 8/80, #3: 7/80, #4: 8/80. Changed for spark plugs w/ new Pen 38E all work done in accordance with P. 105 m/p  AP343609164		
8/3/04	Tech:	3320	Drained oil removed and replaced oil filter with new, cut open removed filter checked for metal "none found" compression ck. #1: 7/80, #2: 7/80 #3: 7/80, #4: 7/80 removed plugs ck cleaned and installed replaced four with new cleaned engine ops ck good.  AP343609164		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/21/01	Thurs	1:33	5 Drained oil changed filter serviced with 8 quarts 15W50 oil changed Air filter cleaned engine control checked. all ops good. All work done in accordance with AC43.1318.		AP343609161
11/19/01	Tue	3:44	4. Drained oil changed filter CH48110-1 drained oil Aeroshell 15W50-8 quarts. Compression ck #1: $\frac{89}{80}$, #2: $\frac{78}{80}$, #3: $\frac{79}{80}$, #4: $\frac{78}{80}$, replaced both new gaskets with new, cleaned & gapped spark plugs washed engine ops ckt good. All work done in accordance AC43.1318.		AP343609161
			Page Total	All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

2005
Date

Time
Hrs Min

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

Signature

License
Number

1/27/05

3491

Drained oil changed P/H with new oil 48-
110-1 and serviced with Rockwell 15 in 50 8
gears checked gapped checked plugs compression
Ck. #1: $\frac{8}{32}$, #2: $\frac{13}{32}$, #3: $\frac{8}{32}$, #4: $\frac{5}{32}$, (work)
engine, run & leak checked. all engine ops
good. All work done in accordance with
AC 43.131B

 A934309164

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ENGINE LOG

Serial No. _____

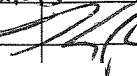
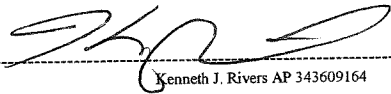
Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2/22/05	3	51	Completed an Annual inspection of this engine on this date. Drained oil, replaced oil filter with new. compression ck #1: 79/80 #2: 78/80 #3: 80/80 #4: 80/80 Serviced with 15W-50 Aeroshell oil. checked controls, wheel bearings. Replaced starter with new new PT #2-6302-serial # F012860. replaced valve cover gaskets replaced A/S filter with new. checked for approx 1/2 in. A/S washed engine for leak checked, test flew all ops good. All work done in accordance		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2/22/05	—	—	with #43.1318. I certify this engine has been inspected in accordance with Air Annual inspection and has been found to be airworthy.		343609164JA
4/14/05	7	35	58. Drained oil replaced oil filter with new cut open to look for water. "none found" drained with Equus, added AeroShell oil. removed spark plugs cleaned, gapped, checked reinstalled compression #1: 10/80, #2: 79/80, #3: 80/80, #4: 79/80. #1 exhaust valve sticky cleaned and adjusted → over		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11/6/05	08	15	His time. All work done in accordance with AC 43.13B.		AP 34360916
 ENGINE LOG ENTRY 07/07/2005, REG: N2241P, TTAF: <u>4507</u>, LDGS: <u> </u>, ENG TSO: <u>698</u>, TACH: 3617.8 Completed an oil change/50 hour inspection. Drained the oil and serviced with 8 quarts of aero shell 15W-50 oil. Replaced the oil filter with new CH48110-1. Replaced the air filter with new filter in compliance with STC SA693CE, Installation of bracket air filter p/n BA-104. Compression check cylinders #1:77/80 #2:79/80 #3:70/80 #4:70/80. Washed down engine and ran for a leak check, no leaks found at this time. -----All work done in accordance with AC 43.13-B.-----  Kenneth J. Rivers AP 343609164					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			



ENGINE LOG ENTRY

07/18/2005, REG: N2241P, TTAF: 4520, LDGS: , ENG TSO: 712, TACH: 3631

Hard to start. Removed primer injectors, ultrasonic cleaned, and reinstalled. Ops checked good.

-----All work done in accordance with AC 43.13-1B.-----

Kenneth J. Rivers AP 343609164

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			



ENGINE LOG ENTRY

08/08/2005, REG: N2241P, TTAF: 4552, LDGS: , ENG TSO: 744, TACH: 3663

Completed an oil change/50 hour inspection. Drained oil and serviced with 8 quarts of aero shell 15W-50 oil. Replaced the oil filter CH48110-1. Compression check cylinders #1:78/80 #2:76/80 #3:77/80 #4:77/80. Washed down engine and ran for leak check, no leaks found at this time.

-----All work done in accordance with AC 43.13-1B.-----

Kenneth J. Rivers AP 343609164

		Page Total
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		Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

Serial No. _____

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09/23/2005, REG: N 2241P, TTAF: 4642, LDGS: , ENG TSO: 794, TACH: 3713

Completed an oil change/100 hour inspection. Drained the oil and serviced wit 7 quarts of Aero She 15W-50 oil. Replaced the oil filter with a new CH48110-1 filter. Replaced one spark plug, bottom number 2. Compression check cylinders #1:76/80 #2:72/80 #3:70/80 #4:75/80. Removed oil filler tu cleaned, inspected, installed with new gasket and secured wit safety wire. Washed and ran engine fo leak check, no leaks found at this time.

-----All work done in accordance with AC 43.13-1B.-----


Kenneth J. Rivers AP 34360916

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Skies The Limit Enterprises, Inc. • Westosha Airport, Wilmet, WI • Phone (262) 862-9199

			Page Total
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			Total to Date

**All Repair Data Must Bear the Endorsement of a
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ENGINE LOG

Serial No. _____

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