N32419 Book #3

The Standard

ENGINE LOG

ASA-SE-2

ngine Record General Information

lanufacturer Lycoming **Model** 0320-E3D

erial L46470-27A **Type Certificate**

his engine is currently installed in aircraft: N 32419

linimum Octane Fuel **Oil Grade** Summer Winter

lagneto Time **Point Setting** **Firing Order**

park Plug Gap

lanufacturer's Recommended Overhaul at hours

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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 Technician or Repair Facility. (*See* back pages for other specific entries.)

MAKE: LYCOMING
MODEL: 0-320-E3D
SERIAL # L-46470-27A

N # N32419
T.T. 4501.1
T.S.M.O. 548.7

THE ABOVE ENGINE WAS DISASSEMBLED FOR A PROP STRIKE INSPECTION. THIS ENGINE WAS CLEANED, INSPECTED, REPAIRED AS NECESSARY IAW MSB533B, INSPECT PISTONS, HONE CYLINDERS AND INSTALL NEW RINGS, O/H'D LOWER END WITH RECONDITIONED CAMSHAFT AND BODIES, CRANKCASE REPAIRED, CUSTOMER SUPPLIED CRANKSHAFT (PID ON FLANGE), C/W SB 475, TORQUE BOLT TO 204 IN. LBS., BEND TAB ON BOLT HEAD, ASSEMBLE ENGINE WITH REFERENCE TO LYCOMING OVERHAUL MANUAL 60294-7-14 AND PARTS MANUAL PC203-1 (NO MAGNETOS RECEIVED WITH ENGINE). PERTINENT DETAILS ARE ON FILE AT THIS FACILITY UNDER INV. 7608. PARTS LIST ON NEXT PAGE. A.D. LIST IN BACK OF LOG. ENGINE WAS TEST RAN IN ENGINE TEST CELL WITH CUSTOMER SUPPLIED MAGNETOS AND REMOVED AFTER TESTING.

DATE: JUNE 19, 2013

SIGNED: Tim Maher
FAA REPAIR STATION T22R537Y

TIM'S AIRCRAFT ENGINES INC.
6105 OBISPO AVE.
LONG BEACH, CA. 90805
PH. # (562) 634-6120
FAX (532) 634-6129

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TIM'S AIRCRAFT ENGINES INC. **FAA REPAIR STATION #T22R537Y**

6-19-13 ***0-320-E3D*** ***S/N L-46470-27A INV. 7608***

QTY	PART #	DESCRIPTION	QTY	PART #	DESCRIPTION
8	15D26100	BEARING	4	STD-2180	HOSE
8	18M26104	BEARING	3	STD-2249	NUT
8	72198	PLUG	4	05K22035	RING SET
1	CH48110-1	FILTER	1	13B37024	CRANKSHAFT
3	LW-31H0.88	BOLT	8	72877	BODY
1	SL-STD-1211	PLUG	1	76097-R	CAMSHAFT
1	SL-STD-2213	SCREW	1	76121	SHAFT
8	SL12186	NUT	2	AEL68987	SHROUD
1	SL69371-1	GASKET	4	LW-13445	PIN
4	SL69603	HOSE	3	LW-25-0.94	BOLT
8	SL78027	BOLT	8	74637	BUSHING
1	STD-2168	NUT	4	SL13923A	BUSHING

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DATE ~~19~~ 2015	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 Technician or Repair Facility. (*See* back pages for other specific entries.)
9-1	5822.8			changed oil + filter. serviced
SMOH	554.4			with Shell 100. Rings not seated
lower				yet. NX 10-15 HRS Recheck. Comp
end O/H	5.7			Test. #1 69/80 #2 75/80 #3 70/80 #4 70/80.
				checked mag timing. cleaned spark
				plugs. checked air filter +
				fuel filter.
				Annual Inspection Completed
				This Date 9-1-15 At 5822.8 Hours
				I Certify That This Aircraft/Engine
				Has Been Inspected IAW
				An Annual Inspection And Was
				Determined To Be In An
				Airworthy Condition
				Mike Passwater AP1758050AI
				Mike Passwater

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DATE 19 2016	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 Technician or Repair Facility. (*See* back pages for other specific entries.)
11-1	5825.7			changed oil + filter. Serviced
SMOH	557.3			with shell 100. compression test
lower				#1 74/80 #2 75/80 #3 74/80 #4 72/80.
end				checked mag timing. cleaned
repair.	8.6			sparkplugs. checked fuel filter &
				air filter.
				Annual Inspection Completed
				This Date 11-1-16 **At** 5825.7 **Hours**
				I Certify That ThisAircraft/Engine
				Has Been Inspected IAW
				An Annual Inspection And Was
				Determined To Be In An
				Airworthy Condition
				Michael Pasater AP1758050AI
				Michael Pasater
				AP 1758050AI

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DATE ~~19~~ 2018	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 Technician or Repair Facility. (*See* back pages for other specific entries.)
2-1	5836.7			changed OIL & FILTER. SERVICED
SMOH	568.3			WITH SHELL 100W. COMPRESSION TEST
SREPAIR	19.6			#1 77/80 #2 78/80 #3 76/80 #4. 76/80.
				checked MAG TIMING, CLEANED
				SPARKPLUGS. CLEANED FUEL FILTER
				checked AIR FILTER. A.D. 17-14-04
				C/W, S.S. 95-26-13, TSO C53 Type D INSTALLED
				REPLACED STARTER WITH NEW 149NL
				Annual Inspection Completed
				This Date 2-1-18 At 5836.7 Hours
				I Certify That ThisAircraft/Engine
				Has Been Inspected IAW
				An Annual Inspection And Was
				Determined To Be In An
				Airworthy Condition
				Mike Passwater AP1758050AI
				Mike Passwater

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DATE 2019 ~~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 Technician or Repair Facility. (*See* back pages for other specific entries.)
9-3	5843.9			changed oil + filter. serviced with
SMOH	575.5			shell 100W. Compression Test.
Repair	26.8			#1 74/80 #2 72/80 #3 66/80 #4 73/80.
				checked mag Timing. cleaned
				sparkplugs, replaced air filter.
				checked fuel filter.
				Annual Inspection Completed
				This Date 9-3-19 **At** 5843.9 **Hours**
				I Certify That This Aircraft/Engine
				Has Been Inspected IAW
				An Annual Inspection And Was
				Determined To Be In An
				Airworthy Condition
				Mike Passwater AP1758050AI
				Mike Passwater
				A+P 1758050AI.

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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 Technician or Repair Facility. (*See* back pages for other specific entries.)

Hansen Maintenance 4001 Santa Anita, El Monte, CA 707-254-5545 Flying561@gmail.com	N32419 O-320-E3D S/N L46470-27A TET: 4535.25 SMOH 582.85 LWR END: 34.15 PA-28-180 S/N 28-7525064 TT: 5851.25 Propeller Sensenich Model 74D S/N A45982 PTT: UNKN SPOH: 34.15	DATE: 1/1/2021 TACH: 5851.25

Changed oil and filter. Serviced with 8qts Aeroshell W100 Plus. Compression test #1 64/80 #2 73/80 #3 68/80 #4 63/80. Clean and check spark plug gap on all spark plugs. Check air filter and fuel filter. Check magneto timing. Run-up and leak checked. AD 17-14-04 oil cooler hoses due 3-2022 or Tach 6817.1. Research AD notes through biweekly period 2020-26, AD compliance sheet provided in logbooks. I certify this **engine** has been inspected in accordance with an **annual** inspection and was determined to be in an airworthy condition.

Alexander Hansen
A&P# A&P3847469

BILL'S AIR CENTER INC
Airplane Inspection & Repair

3147 Donald Douglas Loop S.
Santa Monica, CA 90405
(310) 397-8183
DATE: 4-1-2022

MAKE: PIPER MODEL: PA28-140 S/N: 28-7525064 REG: N32419 TACH: 5852.20

MAKE: LYCOMING MODEL: O-320-E3A SN: L-46470-27A SMOH: 583.8 ETT: 4536.2

I CERTIFY THAT THIS ENGINE AND PROPELLER HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION I.A.W. FAR 43 APPENDIX D AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. CHANGED OIL AND FILTER (CH48110-1, ADDED 8 QTS AEROSHELL W100 PLUS). COMPRESSION CHECK: 1) 69/80 2) 69/80 3) 65/80 4) 67/80 COLD COMPRESSION

DETAILS ON FILE UNDER W/O# 3682

ANDRES GONZALEZ A&P 3290258 IA

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