

Log # 1



The Standard

ENGINE LOG

ASA-SE-1

Engine Record General Information

Manufacturer LYCOMING Model 10-540-K1A5

Serial L-8402-48 Type Certificate 1E4

This engine is currently installed in aircraft N8203C PA-32-300

Minimum Octane Fuel 100/130 Oil Grade: Summer _____ Winter _____

Magneto Time 20° Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at 2000 hours

Engine Lycoming 10-540-K1A5 S/N 2-8402-48
removed from N5220S at tach: 3972.0
TSMOH 1986.79 and installed on PA-32-300
N8203C. June 06 2010 ~~9~~
tach: 2455.18 6/6/10 JH rj 2709192 AEP

This information was obtained from previous owner
records on total times and tach times of past
aircraft maintenance see attached sheet for details.

YEAR:

DATE

Date: 10/20/2011

Aircraft # N8203C IO-540-K1A5

Serial # L-8402-48

Tach: 2455.18

Total Time: 2455.18

SMOH: Estimate 1800.00

1986.79 actual
JW

Comments:

ANNUAL INSPECTION WAS COMPLETED IAW FAR 43 APPENDIX D AND PIPER INSPECTION REPORT TABLE III-I (B) SEE ATTACHED LIST FOR DETAILS. COMPRESSION CHECK AS FOLLOWS 1/78, 2/74, 3/74, 4/76, 5/78, 6/72 ALL AIRWORTHY. DIALED CRANKSHAFT FLANGE WITH INDICATOR AND WITHIN NEW LIMITS NO PROP STRIKE PRECAUTIONARY SINCE AIRCRAFT WAS IN STORAGE. PRESSURE CHECKED MUFFLER OK. CHANGED OIL AND FILTER [PHILLIPS X/C 20W50 12QTS]. CLEANED & GAPPED ALL SPARK PLUGS. CLEANED FUEL INJECTORS. INTALLED NEW ROCKER COVER SEALS & CHECKED ROCKER CLEARANCE. CHECKED ENGINE TIMING. REPLACED ALTERNATOR BELT. INTALLED NEW BAFFLING. GROUND RUN WAS PERFORMED LEAK CHECK OK AND OPERATIONAL RUN WAS GOOD. ALL AD'S TO THIS DATE HAVE BEEN COMPLIED WITH SEE ATTACHED REPORT FOR DETAILS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Prepared By:

FERNANDO G. NUNEZ Certification # A&P 2749192 IA
FOUR SEASONS AVIATION - ALBUQUERQUE, NM (KABQ)
(505)307-3918

JL G m
10/20/11

YEAR: <u>2012</u> 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.)
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Date: 11/05/2012

Aircraft # N8203C IO-540-K1A5 Serial # L-8402-48

Tach: 2466.83

Total Time: 3983.65

SMOH 1998.44

Comments:

ANNUAL INSPECTION WAS COMPLETED IAW FAR 43 APPENDIX D AND PIPER INSPECTION REPORT TABLE III-I (B) SEE ATTACHED LIST FOR DETAILS. COMPRESSION CHECK AS FOLLOWS 1/79, 2/79, 3/76, 4/74, 5/71, 6/73 ALL AIRWORTHY. PRESSURE CHECKED MUFFLER OK. CLEANED & GAPPED ALL SPARK PLUGS. MAG TIMING TO ENGINE 20 DEGREES GOOD. GROUND RUN WAS PERFORMED LEAK CHECK OK. OPERATIONAL RUN WAS GOOD. ALL AD'S TO THIS DATE HAVE BEEN COMPLIED WITH SEE ATTACHED REPORT FOR DETAILS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Prepared By:

FERNANDO G. NUNEZ Certification # A&P 2749192 IA
FOUR SEASONS AVIATION - ALBUQUERQUE, NM (KABQ)
(505)307-3918

FNO
11/5/12

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.)
	Date: 12/01/2013	Aircraft #	N8203C IO-540-K1A5	Serial # L-8402-48
	Tach: 2479.10	Total Time: 3995.92		SMOH: 2010.71
	Comments: ANNUAL INSPECTION WAS COMPLETED IAW FAR 43 APPENDIX D AND PIPER INSPECTION REPORT TABLE III-I (B). COMPRESSION CHECK AS FOLLOWS 1/78, 2/76, 3/76, 4/76, 5/70, 6/74 ALL AIRWORTHY. PRESSURE CHECKED MUFFLER OK. CLEANED & GAPPED ALL SPARK PLUGS. MAG TIMING TO ENGINE 20 DEGREES GOOD. GROUND RUN WAS PERFORMED LEAK CHECK OK. OPERATIONAL RUN WAS GOOD. ALL AD'S TO THIS DATE HAVE BEEN COMPLIED WITH SEE ATTACHED REPORT FOR DETAILS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Prepared By: FERNANDO G. NUNEZ Certification # A&P 2749192 IA (505)307-3918			

Fernando G. Nunez 12/1/13

YEAR: 2014 DATE	RECORDING TACH TIME TACH:	TODAY'S FLIGHT	TOTAL TIME IN SERVICE AFTT:	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.)
6/24	2508. TSMOH:	37 2039.	4025. 98	PI Changed oil (Phillips HC 20W50) and filter (CH48110). Leak tested and ground run OK. 886 by 2749192 AEP
next page 				

YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be entered with Name, Rating and Certificate Number
DATE	Date: 07/01/2015 Aircraft # N8203C IO-540-K1A5 Serial # L-8402-48			
	Tach: 2684.34 Total Time: 4201.16 SMOH: 2215.95			
	Comments: ANNUAL INSPECTION WAS COMPLETED IAW FAR 43 APPENDIX D AND PIPER INSPECTION REPORT TABLE III-I (B). COMPRESSION CHECK AS FOLLOWS 1/76, 2/74, 3/78, 4/76, 5/76, 6/78 ALL AIRWORTHY. PRESSURE CHECKED MUFFLER OK. CLEANED & GAPPED ALL SPARK PLUGS. INSTALLED MAGS S6LN-1209 SN 9001223 , S6LN-1227 SN A206018 AFTER 500 HOUR INSPECTION. SEE ATTACHED YELLOW TAGS. MAG TIMING TO ENGINE 20 DEGREES GOOD. CHANGED OIL PHILLIPS XC20W50 10 QTS AND FILTER 48110 SENT SAMPLE TO BLACKSTONE LABS. GROUND RUN WAS PERFORMED LEAK CHECK OK. OPERATIONAL RUN WAS GOOD. ALL AD'S TO THIS DATE HAVE BEEN COMPLIED WITH SEE ATTACHED REPORT FOR DETAILS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Prepared By: FERNANDO G. NUNEZ Certification # A&P 2749192 IA (505)307-3918 			

YEAR:	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.)
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Date: 02/12/2016	Aircraft # N8203C IO-540-K1A5	Serial # L-8402-48
Tach: 2770.83	Total Time: 4287.65	SMOH: 2302.44

Comments:
 COMPLETED OIL CHANGE [PHILLIPS XC20W50] 12 QTS AND FILTER CH48110. CUT FILTER NO CONTAMINENTS FOUND. INSTALLED OVERHAULED MECHANICAL FUEL PUMP P/N RG17980D S/N B-7465 BY QAA SEE 8130 FOR DETAILS. GROUND RUN WAS PERFORMED LEAK CHECK OK. OPERATIONAL RUN WAS GOOD.

Prepared By:
 FERNANDO G. NUNEZ
 Certification # A&P 2749192 JA
 (505)307-3918



Tc _____

YEAR:

R/
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T/

DATE

New Mexico Aero Service LLC
Licensed • Insured

New Mexico Aero Service LLC. • (505)307-3918

October 5, 2016 N8203C Tach: 2836.34 Hobbs: TTSN: 4353.16 SMOH: 2367.95

1. Performed Annual inspection per Title 14CFR chapter 43, appendix D. I certify that this engine has been inspected IAW annual inspection and was determined to be in an airworthy condition.
2. Installed all new tempest URHM38E spark plugs.
3. Installed new knisley welding muffler and new 77611 exhaust gaskets.
4. Changed oil [phillips xc20w50] 12qts and filter CH48110. Cut filter no debris found.
5. AD2015-19-07 Fuel injection lines C/W next due tach: 2936.34.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with New Mexico Aero Service LLC. under work order: NMA_WO-38.

Fernando Nunez

IA/AP

2749192



March 1, 2017	N8203C	Tach: 2848.0	Hobbs:	TTSN: 4364.82	SMOH: 2379.61
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Changed oil Phillips XC20W50 12 quarts and filter CH48110. Cut filter no debris found. Ground run ok no leaks noted. With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with New Mexico Aero Service LLC. under work order: NMA_WO-70.

Fernando Nunez	IA/AP	2749192
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26/11

Engine

wo: NMA_WO-70

Technician or Repair

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.)
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ENGINE MODEL:

IO-540-K1A5

ENGINE S/N: L-8402-48

REG. NO: N8203C

WORK ORDER: 1605

CFD Integration, LLC dba CFDI Aero

4700 Spartan Drive, Hangar 102

Denton, TX 76207

Phone: 940-442-5232

DATE: 7/20/2017

A/C TSN: 4392.37

ENG TT: 4392.37

TSMOH: 2407.16

TACH: 2875.55

Engine Entries

(1) Drained oil, removed, cut and inspected filter for metal. None found at this time. Installed new oil filter P/N CH48110-1 and serviced with 10 quarts of PhillipsX/C 20W50 oil. Ran engine, ops and leak checked good at this time.

DATE: 7/20/2017

SIGNED:

Wally Lewis

Work Order: 1605

Wesley Pearce, A&P: IA 2729740

Printed by EBis 3 (datcomedia.com)

YEAR:

DATE



New Mexico Aero Service LLC
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or Repair

December 1, 2017 N8203C Lycoming, IO-540-K1A5, S/N: L-8402-48

Tach: 2905.9

TTSN (Tach): 4422.72

SMOH (Tach): 2437.51

1. Performed annual inspection per Title 14CFR chapter 43, appendix D. I certify that this engine has been inspected IAW annual inspection and was determined to be in an airworthy condition.
2. Compression test results: 1-72/80 ,2-76/80 ,3-75/80 ,4-70/80 ,5-70/80 ,6-76/80 psi. All airworthy. Borescope inspection good.
3. Changed oil and filter. Cut filter no metal contamination found. 1 pint oil additive ASL cam guard added. Sent oil sample to Blackstone labs. Installed (12) 15W50 - Aeroshell, Installed (1) CH48110-1 - Oil Filter.
4. Installed plane power alternator kit AL12-C60 SN H-R091620 per manufactures instructions. Ground run function test ok.
5. Installed new exhaust studs on 3 cylinders. Installed all new gaskets PN77611 and exhaust nuts.
6. Cleaned and re-oiled challenger air filter. Re-installed using new hardware.

With respect to the work performed, this engine is approved for return to service. Details of work

Engine

wo: NMA_WO-133

YEAR:

RE
TA
TIM

DATE



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performed are on file with New Mexico Aero Service LLC. under work order: NMA_WO-133.

Fernando Nunez IA/AP 2749192

FLC WJ

AD2015-19-07 Externally mounted fuel lines - C/W Per EC111
AD2017-16-11 Connecting rods small end bushings - N/A per S/N listed
on table 1 of SB632.

Engine

wo: NMA_WO-133

[illegible]

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility

03/28/18

N8203C

Tach 2968.10

ESN L-8402-48

DAVENPORT
 AEROSPACE

940-208-0063

Removed and Replaced Engine Driven Fuel Pump P/N
RG17980D/M with S/N R-7889. Operational and leak
checks passed. Return to service.



AP 3575800

Davenport Aerospace Group, LLC

Denton, TX

[illegible]

YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair

Date: 14JUN18

TACH: 2994.48

N8203C

PIPER Cherokee Six

PA-32-300

2340938

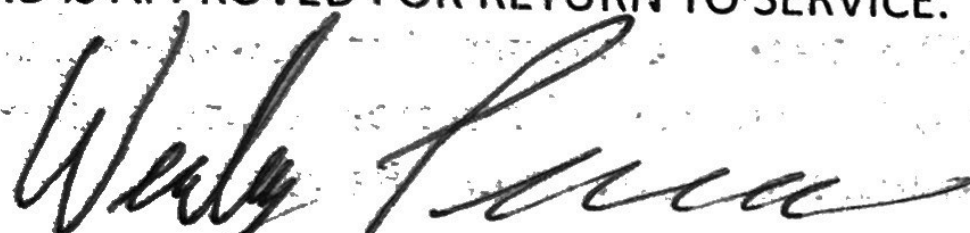
- Jacked aircraft. Removed left wheel pant and brake caliper to access main wheel. Removed left main wheel and tire assembly. Deflated tire. Disassembled, cleaned and inspected wheel halves and bearings. Reassembled wheel with new tire P/N AB3E4 and tube P/N 092-500-0 using tire talc. Torqued wheel halves to 150 in lbs. Packed bearings with SHC-100 grease. Cleaned surface corrosion from brake caliper slide pins and applied C5-A anti-seize compound. Reinstalled left main wheel and tire assembly. Reinstalled left brake caliper and wheel pant. Lowered aircraft.
- Jacked aircraft. Removed right wheel pant and brake caliper to access main wheel. Removed right main wheel and tire assemblies. Deflated tires. Disassembled, cleaned and inspected wheel halves and bearings. Reassembled wheel with new tire P/N AB3E4 and tube P/N 092-500-0 using tire talc. Torqued wheel half to 150 in lbs. Packed bearings with SHC-100 grease. Cleaned surface corrosion from brake caliper slide pins and applied C5-A anti-seize compound. Reinstalled right main wheel and tire assembly. Reinstalled right brake caliper and wheel pant. Lowered aircraft.

Cont.

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.)
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- Drained engine oil. Collected oil sample and sent for evaluation. Removed oil filter and cut open, checked for debris. None found at this time. Installed new CH48110-1 oil filter and serviced engine with 9qts Phillips X/C 20W50 engine oil. Ran engine to perform leak check. No defects noted at this time.

I CERTIFY THIS AIRCRAFT HAS BEEN REPAIRED IN ACCORDANCE WITH THE CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.



Wesley Pearce AP 2729740

Date: 14JUN18

[illegible]

Cutter Albuquerque

PART #: SE1 \$5.95

DESCRIPTION: ENGINE LOG-SOFTCOVER
Bin: BK2



0/0/00

RECEIVED 12/30/2010 SERIAL #:

LOT #: 01LT10-03503