N8743E #4

The Standard

ENGINE LOG

ASA-8E-1

YEAR 2024 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.)
				ENGINE LOG — March 8, 2024 — TACH TIME 7113.3
				N8743E — Piper Lance PA32R-300 — S/N 32R-7680171
				Lyc IO-540-K1G5D — S/N L-12689-48A
				C/W Lycoming SB 543 by replacing the Oil Filter Plate Gasket with P/N 06B23072
				Drained oil, cleaned and inspected oil sump screen, cut open and inspected oil filter.
				Performed Oil analysis (copy added to aircraft records AvLabs). No abnormalities found.
				Replenished with 9 qts Aeroshell 100+ and new Champion CH48103-1 oil filter.
				Peter Stephany A&P 231867121 I/A

YEAR 2024 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.)
				ENGINE LOG — July 13, 2024 — TACH TIME 7145.4
				N8743E — Piper Lance PA32R-300 — S/N 32R-7680171
				Lycoming IO-540-K1G5D — S/N L-12689-48A
				Engine ran to normal operating temps and pressure. Oil Drained, filter element removed, inspected for
				Metal contaminants, none noted. Installed new Champion CH48103-1 oil filter.
				Engine serviced with 9 qts Aeroshell W100 Plus
				Engine washed and ground ran for operation and leak checked. None noted.
				Complied by visual inspection AD2015-19-07. Fuel injector line inspection.
				Peter Stephany A&P 231867121 I/A

YEAR 2023 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.)
				ENGINE LOG May 17, 2023 TACH TIME 7069.4
				N8743E Piper Lance PA32R-300 S/N 32R-7680171
				Lycoming IO-540-K1G5D S/N L-12689-48A
				Engine ran to normal operating temps and pressure. Oil Drained, filter element removed, inspected for Metal contaminants, none noted. Installed new Champion CH48103-1 oil filter.
				Engine serviced with 9 qts Aeroshell W100 Plus
				Engine washed and ground ran for operation and leak checked. None noted.
				Complied by visual inspection AD2015-19-07. Fuel injector line inspection.
				Peter Stephany A&P 231867121 I/A

YEAR 2023 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
				ENGINE LOG September 21, 2023 TACH TIME 7092.1
				N8743E Piper Lance PA32R-300 S/N 32R-7680171
				Engine ground ran to normal operating temperature and pressure.
				C/W Compression Check cold 1:76/80 3: 72/80 5: 72/80 2: 76/80 4:76/80 6: 72/80
				Spark plugs cleaned and inspected. Intake & exhaust system inspected for leaks, damage and attachment.
				Center muffler flame arrestor found to be cracked. Center muffler replaced. Fuel system inspected for leaks and c
				routing. All engine controls inspected for attachment, correct operation and lubed.
				C/W AD 2015-19-07, Fuel Injection Lines, by visual.
				I certify this engine, using approved check list and FAR Part 43 Appendix "D", scope and detail of a 100/annual
				inspection and have determined it to be in an airworthy condition at this time.
				Peter Stephany A&P 231867121 I/A

YEAR 2023 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.)
				ENGINE LOG JANUARY 08, 2023 TACH TIME 7048.3
				N8743E PIPER LANCE PA32R-300 S/N 32R-7680171
				Removed six (6) Lycoming fuel nozzles p/n/ LW18265 (or equiv) and installed General Aviation Modicifcations, Inc. GAMIinjector kit GL-10-6 s/n 31539 STC No SE09445SC PMA No PQ821SW Per GAMIinjectors installation Procedure No IP-98-001 (Rev B) dated 13 March 1998.No change in weight or balance.
				Complied with AD 2011-26-04 injector fuel lines. Ground ran for operation and leak check. No defects noted.
				A&P 231867121 PETER STEPHANY A&P 231867121 I/A

YEAR 2023 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.)
				wo: 2023-3275 Engine · page 1 of 1
				FlyBoyz Aviation LLC · 3913 S Van Dyke Rd · Marlette, MI 48453 · 989-823-4273
				N8743E LYCOMING, TI0-540 SER, S/N: ENGINE SN TBD April 18, 2023 TACH: 7060.3
				Inspected EIS system installation. Respaced all ignition leads. Inspected & adjusted spark plug gaps to .032". Adjusted MTH timing to backside of the 11th tooth & marked trigger wheel for visual reference. Removed propeller & verified CSTW installation. Reinstalled, torqued, & saftied propeller. Unwound CSTW pickup lead from backup alternator output wire & resecured. Performed successful ignition system ground check, engine run, and flight check.
				With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with FlyBoyz Aviation LLC under work order: 2023-3275.
				Adam Ondrajka A&P/IA 3531616

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YEAR 2022 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.)
8/17/22				ENGINE LOG AUGUST 17, 2022 TACH TIME 7034.5 N8743E PIPER LANCE PA32R-300 S/N 32R-768-171 ENGINE GROUND RAN TO NORMAL OPERATING TEMP/PRESSURE. OIL DRAINED, FILTER REMOVED FILTER ELEMENT, INSPECTED FOR METAL CONTAMINANTS. NONE NOTED. NEW CHAMPION OIL FILTER CH48103-1 INSTALLED.ENGINE SERVICED WITH 9 QTS AEROSHELL W100 PLUS. ENGINE WASHED AND GROUND RAN FOR OPERATION AND LEAK CHECKED. NONE NOTED. PETER STEPHANY A&P231867121 I/A

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YEAR 2022 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.)
				ENGINE LOG SEPTEMBER 16, 2022 TACH TIME 7047.1 N8743E PIPER LANCE PA32R-300 S/N 32R-768-171 ENGINE GROUND RAN TO NORMAL OPERATING TEMP/PRESSURE. ALL SPARK PLUGS REMOVED, CLEANED, AND INSPECTED. INTAKE AND EXHAUST SYSTEM INSPECTED FOR SECURITY AND LEAKS. ALL ENGINE CONTROLS INSPECTED FOR SECURITY, DAMAGE AND CORRECT OPERATION. COMPLIED WITH COMPRESSION CHECK: 1:76/80 3:76/80 5:76/80 2:76/80 4:76/80 6:76/80. ALL FLUID CARRYING LINES AND HOSES INSPECTED FOR SECURITY, CORRECT ROUTING AND LEAKS. ALL ACCESSORIES INSPECTED FOR CORRECT MOUNTING. FUEL SYSTEM INSPECTED FOR SECURITY AND LEAKS. ENGINE WASHED AND GROUND RAN FOR OPERATION AND LEAK CHECK. NO DEFECT NOTED. STAND-BY ALTERNATOR REMOVED AND REPLACED WITH NEW P.N. BC410-2 S/N 2C21E7U61K. COMPLIED WITH A.D 2011-26-04 NOTE AD2015-19-07 FUEL INJECTOR LINE INSPECTION. NEXT DUE 110 HRS T.I.S I CERTIFY I HAVE INSPECTED THIS ENGINE USING APPROVED CHECKLIST AND FAR PART 43 "D", SCOPE AND DETAIL OF A 100HR/ANNUAL INSPECTION AND HAVE DETERMIND IT TO BE IN AIRWORTHY CONDITION AT THIS TIME. PETER STEPHANY A&P231867121 I/A

Cut on dotted line

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
ENGINE LOG				SEPTEMBER 01, 2021 TACH TIME 6979.5
N8743E				PIPER PA 32R-300 S/N 32R-7680171

ENGINE GROUND RAN TO NORMAL OPERATING TEMP/PRESS. OIL DRAINED FILTER REMOVED. FILTER ELEMENT INSPECTED FOR METAL COMTAMINANTS, NONE NOTED. ALL SPARK PLUGS REMOVED, CLEANED INSPECTED AND REGAPPED. COMPLIED WITH COMPRESSION CHECK #1 72/80, # 3 74/80,# 5 78/80, #2 74/80,#4 76/80,#6 74/80 MAGNETO TO ENGINE TIMING VERIFIED. INTAKE AND EXHAUST SYSTEMS INSPECTED FOR DAMANGE,SECURITY AND LEAKS. NEW INDUCTION AIR FILTER INSTALLED. ALL ENGINE CONTROLS INSPECTED FOR SECURITY, CORRECT FUNCTION AND LUBRICATED. ALL FLUID LINES INSPECTED FOR CORRECT ROUTING ATTACHMENT AND LEAKS. ALL ACCESSORIES INSPECTED FOR OPERATION AND MOUNTING.NEW CHAMPION CH48103-1 FILTER INSTALLED, TORQUED AND SAFETIED. ENGINE SERVICED WITH 9 QUARTS AEROSHELL W100PLUS OIL. ENGINE WASHED AND GROUND RAN FOR OPERATION AND LEAK CHECK, NO DEFECTS NOTED AT THIS TIME.I CERTIFY I HAVE INSPECTED THIS ENGINE USING APPROVED CHECKLIST AND FAR PART 43, APPENDIX D, SCOPE AND DETAIL OF A 100HR/ANNUAL INSPECTION AND HAVE DETERMINED IT TO BE IN AN AIRWORTHY CONDTION AT THIS TIME.

PETER STEPHANY A&P231867121I/A

YEAR 2022 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
7/12/22				

SARASOTA AVIONICS & MAINTENANCE — CIRRUS — ABS MAINTENANCE ACADEMY — MOONEY

N8743e
Model: Piper PA-32R-300

DATE: 7/12/2022
SN: 32R-7680171

TT 7017.9
Hobbs: 4501.5
Airframe

- Installed an electronic engine ignition system in accordance with Electroair Acquisition Corp. Installation Manual, IM EIS-61000, revision 16, dated April 01 2022. Ops Check Good

The above maintenance has been performed IAW current FAR's and Manufacturers Maintenance Instructions and is considered approved for return to service only for the work performed Details of work performed are on file with Sarasota Avionics & Maintenance under work order: 1379.

Gilbert Fernando Perez Hernandez A&P 3441624

YEAR 20 20 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.)
2/1/20	6930.6			Acft: N8743E PA32R-300 SN 32R-7680171 Eng Mfg: Lyc IO-540-K1G5D SN:L-12689-48A TT: 6930.6 Tach 6930.6 02/01/2020 Drained oil and replaced oil filter with CH48103 cut open and inspected oil filter. Filled with 9qts Aeroshell W100 Plus. Performed oil analysis using AvLabs. No abnormalities found . All work performed in accordance with current FARs. Acft approved and returned to service. Ken Jordan Pilot 3475309 *****END****

YEAR 20____ 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.)
				ENGINE LOG N8743E PIPER PA 32-300R TACH TIME ~~6886.39~~ 6935.7 (ATT) AUGUST 05,2020 ENGINE GROUND RAN TO NORMAL OPERATING TEMP/PRESS. COMPLIED WITH COMPRESSION CHECK #1 72/80, #3 76/80, #5 74/80, #2 74/80 #4 78/80, #6 78/80 SPARK PLUGS CLEANED, INSPECTED , AND SERVICED.MAGNETO TO ENGINE TIMING VERIFIED. INTAKE AND EXHAUST SYSTEMS INSPECTED FOR SECURITY, CORRECT ATTACHMENT AND LEAKS. ALL FLUID CARRING LINES INSPECTED FOR SECURITY, CORRECT ROUTING AND LEAKS, FUEL SYSTEM INSPECTED FOR SECURITY AND LEAKS. ALL BAFFLING AND DUCT WORK INSPECTED FOR DAMAGE AND SECURITY. ENGINE WASHED AND GROUND RAN FOR OPERATION AND LEAK CHECK, NO DEFECTS NOTED. I CERTIFY I HAVE INSPECTED THIS ENGINE USING APPROVED CHECKLIST AND FAR PART 43, APPENDIX D, SCOPE AND DETAIL OF A 100HR/ ANNUAL INSPECTION AND HAVE DETERMINED IT TO BE IN AN AIRWORTHY CONDITION AT THIS TIME. PETER STEPHANY A&P231867121I/A

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YEAR 2018 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.)
11/27/18				Acft: N8743E PA32R-300 SN 32R-7680171 Eng Mfg: Lyc IO-540-K1G5D SN:L-12689-48A TT: 6861.5 Tach 6861.5 11/27/2018 Drained oil and replaced oil filter with CH48103 cut open and inspected oil filter. Filled with 9qts Aeroshell W100 Plus. Performed oil analysis using AvLabs. No abnormalities found . All work performed in accordance with current FARs. Acft approved and returned to service. Ken Jordan Pilot 3475309 *****END****

(10)

YEAR 2019 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.)
JULY 01	6886.39			COMPLIES WITH THE FOLLOWING MAINT. ITEMS, ENGINE GROUND RAN TO NORMAL OPERATING TEMP/PRESSURE ENG. OIC DRAINED, FILTER REMOVED. ELEMENT INSP. FOR METAL CONTAMINANTS, NONE NOTED. P/U COMPRESSION CHECK. 1 72/80 3 76/80 5 74/80 2 74/80 4 78/80 6 78/80. ALL SPARK PLUGS SERVICED. INTAKE & EXHAUST SYSTEMS INSP. FOR SECURITY & LEAKS. ALL CONTROLS INSP. FOR OPERATION, SECURITY & CORRECT ROUTING. ENG. SERVICED WITH 10 QTS AEROSHELL W100 PLUS, NEW FILTER INSTALLED (CH48103-1) ENGINE WASHED & GROUND RAN FOR OPERATIONAL LEAK CHECK. NO DEFECTS NOTED. I CERTIFY I HAVE INSPECTED THIS ENGINE USING APPROVED CHECK LIST AND FAR PART 43 APPENDIX "D" SCOPE & DETAIL OF A 100 HR/ ANNUAL INSPECTION & HAVE DETERMINED IT TO BE IN AN AIRWORTHY CONDITION AT THIS TIME KEITH BRADSHAW A&P 1580814

YEAR 2018 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.)
JAN 23	6794.26			

Acft: N8743E PA32R-300 SN 32R-7680171
Eng Mfg: Lyc IO-540-K1G5D SN:L-12689-48A
TT: 6794.25 Tach 6794.25
01/23/2018

Drained oil and replaced oil filter with CH48103 cut open and inspected oil filter. Filled with 9qts Aeroshell W100 Plus. Performed oil analysis using AvLabs. No abnormalities found . All work performed in accordance with current FARs. Acft approved and returned to service.

Ken Jordan Pilot 3475309

*****END****

ENGINE LOG N8743E JUNE 15,2018

LYCOMING IO-540-K1G5D S/N L-12689-48A

TACH TIME 6809.47 TSMOH 958.33

COMPLIED WITH THE FOLLOWING MAINTENANCE ITEMS, ENGINE GROUND RAN FOR OPERATIONAL CHECK, ENGINE OIL DRAINED, FILTER REMOVED AND INSPECTED FOR METAL CONTAMINANTS, NONE NOTED. COMPLIED WITH COMPRESSION CHECK,# 1 78/80,#3 77/80 #5 76/80, #2 77/80, #4 77/80, #6 75/80. ENGINE WASHED. NEW OIL FILTER INSTALLED AND TORQUED TO 18FT/LBS. ENGINE SERVICED WITH 9 QTS AEROSHELL W100 PLUS. ALL ENGINE CONTOLS INSPECTED FOR CORRECT ROUTING AND SECURITY. ALL SPARK PLUGS REMOVED, CLEANED AND REGAPPED, INTAKE AND EXHAUST SYSTEM INSPECTED FOR SECURITY AND LEAKS.COMPLIED WITH AD 11-26-04 & 15-19-07 FUEL INJECTOR LINES, NO DEFECTS NOTED. I CERTIFY I HAVE INSPECTED THIS ENGINE USING APPROVED CHECKLIST AND FAR PART 43, APPENDIX D , SCOPE AND DETAIL OF AN ANNUAL INSPECTION AND HAVE DETERMINED IT TO BE IN AN AIRWORTHY CONDTION AT THIS TIME

PETER STEPHANY A/P 231867121 IA

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ENGINE LOG ENTRY

N8743E
PIPER PA32R-300
LYC IO-540-K1G5D
TACH HRS. 6754.43
SMOH 903.29

01-JUNE-2017
SN. 32R-7680171
SN. L-12689-48A
TACH HRS. 6754.43

PERFORMED AN ANNUAL /100 HR INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED COWLING AND ALL REQUIRED INSPECTION PANELS.
PERFORMED COMPRESSION CHECKS 1) 80/78 2) 80/75 3) 80/72 4) 80/75 5) 80/68 6) 80/72
REPLACED OIL PRESSURE RELEIF VALVE ASSY. NEW LYCOMING PN. 77808 SN. N/A (SET OIL PRESS.)
REPLACED VALVE COVER GASKETS, CYL'S 2,3,4 & 5 GASKET PN. SL67198
DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN, CUT OPEN AND INSPECTED OIL FILTER
PERFORMED OIL ANALYSIS (Copy added to Aircraft records Aviation Labs.) NO ABNORMALTIES FOUND.
REPLENISHED WITH 9 QTS AEROSHELL W100 PLUS AND NEW CHAMPION CH48103-1 OIL FILTER
INSPECTED EXHAUST SYSTEM. INSPECTED AND CLEANED FUEL STRAINER.
CLEANED. INSPECTED AND GAPPED SPARK PLUGS.
REPLACED AIR FILTER ELEMENT WITH NEW BRACKET BA-3
INSPECTED AND LUBED ALL LINKAGE, CABLES & CONTROLS.

CONTINUED:

6

YEAR 2017 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.)
01-JUNE	6754.43			

CONTINUED:

CLOSED ALL AREAS OPENED FOR INSP. LEAK AND OPS CHECKS SATISFACTORY

C/W ALL AD'S THRU 2017-10 (See detailed AD list)
AD 04-10-14-C1 N/A NO PROP STRIKE OR SUDDEN STOPPAGE
AD 11-26-04 & 15-19-07 INSPECTED FUEL INJECTOR LINES, NO FAULTS NOTED
AD 15-02-07 PROPELLER GOVERNOR C/W AT OVERHAUL 06-13-2014 APW W/O 6165

THIS ENGINE HAB BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR " RETURN TO SERVICE"

GERARD J. KRAL

A/P 3396665 I/A
CERT. NO

3

YEAR 2016 DATE

26-JUNE

ENGINE LOG ENTRY

N8743E
PIPER PA32R-300
LYC IO-540-K1G5D
TACH HRS. 6697.80
SMOH 846.66

26-JUNE-2016
SN. 32R-7680171
SN. L-12689-48A
TACH HRS. 6697.80

PERFORMED AN ANNUAL /100 HR INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED COWLING AND ALL REQUIRED INSPECTION PANELS.
PERFORMED COMPRESSION CHECKS 1) 80/72 2) 80/71 3) 80/68 4) 80/71 5) 80/67 6) 80/72
DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN, CUT OPEN AND INSPECTED OIL FILTER
PERFORMED OIL ANALYSIS (Copy added to Aircraft records Aviation Labs.) NO ABNORMALTIES FOUND.
REPLENISHED WITH 9 QTS AEROSHELL W100 AND NEW CHAMPION CH48103-1 OIL FILTER
INSPECTED EXHAUST SYSTEM. INSPECTED AND CLEANED FUEL STRAINER.
CLEANED. INSPECTED AND GAPPED SPARK PLUGS.
REPLACED AIR FILTER ELEMENT WITH NEW BRACKET BA-3
INSPECTED AND LUBED ALL LINKAGE, CABLES & CONTROLS.

CONTINUED:

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YEAR 2016 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.)
26-JUNE				

CONTINUED:

CLOSED ALL AREAS OPENED FOR INSP. LEAK AND OPS CHECKS SATISFACTORY

C/W ALL AD'S THRU 2016-10 (See detailed AD list)
AD 04-10-14-C1 N/A NO PROP STRIKE OR SUDDEN STOPPAGE
AD 11-26-04 & 15-19-07 INSPECTED FUEL INJECTOR LINES, NO FAULTS NOTED
AD 15-02-07 PROPELLER GOVERNOR C/W AT OVERHAUL 06-13-2014 APW W/O 6165

THIS ENGINE HAB BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR " RETURN TO SERVICE"

GERARD J. KRAL

A/P 3396665 I/A
CERT. NO

----------END----------

1

ENGINE LOG ENTRY

YEAR 2015 DATE

24-JUNE

N8743E
PIPER PA32R-300
LYC IO-540-K1G5D
TACH HRS. 6649.49
SMOH 798.35

24-JUNE-2015
SN. 32R-7680171
SN. L-12689-48A
TACH HRS. 6649.49

PERFORMED AN ANNUAL /100 HR INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED COWLING AND ALL REQUIRED INSPECTION PANELS.
PERFORMED COMPRESSION CHECKS 1) 80/72 2) 80/62 3) 80/66 4) 80/66 5) 80/65 6) 80/72
DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN, CUT OPEN AND INSPECTED OIL FILTER
PERFORMED OIL ANALYSIS (Copy added to Aircraft records Aviation Labs.) NO ABNORMALTIES FOUND.
REPLENISHED WITH 9 QTS AEROSHELL W100 AND NEW CHAMPION CH48103-1 OIL FILTER
INSPECTED AND REPLACED 3 EA MUFFLERS PN. K67517-00 FWD SN. 541480, MID 241477 ,
AFT SN. 241478 (KNISLEY WELDING INC.) NEW PN. 77611 EXHAUST GASKETS
INSPECTED AND CLEANED FUEL STRAINER. REPLACED AIR FILTER ELEMENT WITH NEW BRACKET BA-3
INSPECTED AND LUBED ALL LINKAGE, CABLES & CONTROLS.

CONTINUED:

2

YEAR 2015 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.)
24-JUNE				CONTINUED:

CLEANED. INSPECTED, GAPPED SPARK PLUGS, INSTALLED 1 NEW TEMPEST UHRM-38E.
REMOVED MAGNETO FOR INSPECTION AND REPAIR. (R/H MAG DROP EXCEEDED LIMITS)
(MAG REPAIRED BY QUALITY AIRCRAFT ASSY)RE-INSTALLED, SET MAGNETO TIMMIMG.

CLOSED ALL AREAS OPENED FOR INSP. LEAK AND OPS CHECKS SATISFACTORY

C/W ALL AD'S THRU 2015-12 (See detailed AD list)
AD 04-10-14-C1 N/A NO PROP STRIKE OR SUDDEN STOPPAGE
AD 11-26-04 INSPECTED FUEL INJECTOR LINES, NO FAULTS NOTED

THIS ENGINE HAB BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR " RETURN TO SERVICE"

GERARD J. KRAL

A/P 3396665 I/A
CERT. NO

----------END----------

Engine Record General Information

Manufacturer TEXTRON LYCOMING Model IO-540-K1G5D

Serial L-12689-48A Type Certificate

This engine is currently installed in aircraft: N8743E

Minimum Octane Fuel Oil Grade: Summer Winter

Magneto Time 20° Point Setting Firing Order

Spark Plug Gap

Manufacturer's Recommended Overhaul at 2000 hours

N8743E

#3

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

28

DATE

2014
14 JUNE

CONTINUED:

C/W ALL AD'S THRU 2014-10 (See detailed AD list)
AD 04-10-14-C1 N/A NO PROP STRIKE OR SUDDEN STOPPAGE
AD 08-14-07 C/W BY VISUAL INSPECTION, NO FAULTS NOTED

THIS ENGINE HAB BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR
" RETURN TO SERVICE"

GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

----------END----------

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ENGINE LOG

Serial No. _____

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

ENG LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6577.0

09-MARCH-2014
SN. 32R-7680171

PERFORMED 50 HR INSPECTION, DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN. CUT OPEN AND INSPECTED OIL FILTER, NO ABNORMAILTIES FOUND. PERFORMED OIL ANALYSIS. (Sent to Aviation Labs, Copy added to Aircraft Records)
REPLENISHED WITH 9 QTS AEROSHELL W100 AND NEW CHAMPION CH48103-1 OIL FILTER

LEAK AND OPERATIONAL CHECKS SATISFACTORY. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

----------END----------

27

DATE

2014
14-JUNE

ENGINE LOG ENTRY

N8743E
PIPER PA32R-300
LYC IO-540-K1G5D
TACH HRS. 6597.28

14-JUNE-2014
SN. 32R-7680171
SN. L-12689-48A
SMOH 746.14

PERFORMED AN ANNUAL /100 HR INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED COWLING AND ALL REQUIRED INSPECTION PANELS.
PERFORMED COMPRESSION CHECKS 1) 80/72 2) 80/72 3) 80/66 4) 80/77 5) 80/65 6) 80/68
DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN, CUT OPEN AND INSPECTED OIL FILTER
PERFORMED OIL ANALYSIS (Copy added to Aircraft records Aviation Labs.) NO ABNORMALTIES FOUND.
REPLENISHED WITH 9 QTS AEROSHELL W100 AND NEW CHAMPION CH48103-1 OIL FILTER
CLEANED INJECTORS, INSPECTED EXHAUST SYSTEM.
REPLACED #6 ROCKER COVER GASKET WITH NEW Pn. SL67198
REPLACED OIL FILTER PLATE SEAL WITH NEW Pn. 0GB23072 (REF LYC SB# 543C)
CLEANED, INSPECTED & GAPPED SPARK PLUGS CHECKED MAG TIMMING.
INSPECTED AND CLEANED FUEL STRAINER.
REPLACED AIR FILTER ELEMENT WITH NEW BRACKET BA-3
INSPECTED AND LUBED ALL LINKAGE, CABLES & CONTROLS.

CONTINUED:

24

Date

2013
JUNE

ENGINE LOG ENTRY

N8743E
PIPER PA32R-300
LYC IO-540-K1G5D
TACH HRS. 6530.25

JUNE 01, 2013
SN. 32R-7680171
SN. L-12689-48A
SMOH 679.11

PERFORMED AN ANNUAL /100 HR INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED COWLING AND ALL REQUIRED INSPECTION PANELS.
PERFORMED COMPRESSION CHECKS 1) 80/73 2) 80/73 3) 80/68 4) 80/67 5) 80/71 6) 80/72
DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN, CUT OPEN AND INSPECTED OIL FILTER
PERFORMED OIL ANALYSIS (Copy added to Aircraft records Aviation Labs.) NO ABNORMALTIES FOUND.
REPLENISHED WITH 9 QTS AEROSHELL W100 AND NEW CHAMPION CH48103-1 OIL FILTER
INSPECTED AND REPLACED 3 EA MUFFLERS PN. 67517-00 FWD SN. 27945, MID 27944, AFT PN. 27943
REPLACED #4 ROCKER COVER GASKET NEW Pn. SL67198
CLEANED. INSPECTED, GAPPED SPARK PLUGS, CHECKED MAG TIMMING.
INSPECTED AND CLEANED FUEL STRAINER. REPLACED AIR FILTER ELEMENT WITH NEW BRACKET BA-3
INSPECTED AND LUBED ALL LINKAGE, CABLES & CONTROLS. LEAK AND OPS CHECKS SATISFACTORY

CONTINUED:

25

ENGINE LOG

Serial No. _____

Date

2013

CONTINUED:

C/W ALL AD'S THRU 2013-12 (See detailed AD list)
AD 04-10-14-C1 N/A NO PROP STRIKE OR SUDDEN STOPPAGE
AD 08-14-07 C/W BY VISUAL INSPECTION, NO FAULTS NOTED
AD 12-19-01 CRANKSHAFT RETIREMENT / N/A BY ENG SERIAL NO. (REF TABLE 2 / SB569A)

THIS ENGINE HAB BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR " RETURN TO SERVICE"

GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

----------END----------

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 ENTRY

Date	
JUNE 2012	

N8743E — **JUNE 09, 2012**
PIPER PA32R-300 — **SN. 32R-7680171**
LYC IO-540-K1G5D — **SN. L-12689-48A**
TACH HRS. 6473.10 — **SMOH 619.96**

PERFORMED AN ANNUAL /100 HR INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED COWLING AND ALL REQUIRED INSPECTION PANELS.
PERFORMED COMPRESSION CHECKS 1) 80/74 2) 80/73 3) 80/68 4) 80/72 5) 80/71 6) 80/70
DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN, CUT OPEN AND INSPECTED OIL FILTER
PERFORMED OIL ANALYSIS (Copy added to Aircraft records Aviation Labs.) NO ABNORMALTIES FOUND.
REPLENISHED WITH 9 QTS AEROSHELL W100 AND NEW CHAMPION CH48103-1 OIL FILTER
ULTRASONIC CLEANED INJECTORS, INSPECTED EXHAUST SYSTEM.
REPLACED #3 & #4 ROCKER COVER GASKETS WITH NEW Pn. SL67198
INSTALLED 12 EA NEW TEMPEST URHM-38E SPARK PLUGS CHECKED MAG TIMMING.
INSPECTED AND CLEANED FUEL STRAINER. REPLACED AIR FILTER ELEMENT WITH NEW BRACKET BA-3
INSPECTED AND LUBED ALL LINKAGE, CABLES & CONTROLS.

CONTINUED:

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
JUNE 2012					

CONTINUED:

C/W ALL AD'S THRU 2012-12 (See detailed AD list)
AD 04-10-14-C1 N/A NO PROP STRIKE OR SUDDEN STOPPAGE
AD 08-14-07 C/W BY VISUAL INSPECTION, NO FAULTS NOTED
AD 12-03-06 N/A NO AFS FUEL SERVO INSTALLED

THIS ENGINE HAB BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR " RETURN TO SERVICE"

GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

----------END----------

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
2011			CONTINUED.....		
			C/W ALL AD'S THRU 2011-08 (See detailed AD list)		
			AD 04-10-14-C1 N/A NO PROP STRIKE OR SUDDEN STOPPAGE		
			AD 08-14-07 C/W BY VISUAL INSPECTION, NO FAULTS NOTED		
			AD 06-06-51 FUEL INJ SERVO, NO FAULTS NOTED		
500 HR NEXT DUE BY 6886.0			AD 09-26-12 N/A NO "TITAN" CYLINDERS INSTALLED		
			AD 05-12-06 C/W BENDIX MAGNETO IMPULSE COUPLING AND 500 HR INSPECTION / OVERHAUL (EXEUCTIVE ACCESSORIES 8130 ON FILE)		
			THIS ENGINE HAB BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR " RETURN TO SERVICE"		
			GERARD J. KRAL	A/P 3396665 I/A CERTIFICATE NO.	
			----------END----------		

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
2011			**AIRFRAME/ENG LOG ENTRY**		
			N8743E **NOVEMBER 05, 2011**		
			PIPER PA32R-300 **SN. 32R-7680171**		
			TACH HRS. 6425.05		
			PERFORMED 50 HR INSPECTION, DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN.		
			CUT OPEN AND INSPECTED OIL FILTER, NO ABNORMAILTIES FOUND.		
			REPLACED OIL FILTER ADAPTER PLATE GASKET WITH NEW LYC Pn. 06B23072		
			INSTALLED NEW BA-3 AIR FILTER ELEMENT		
			REPLENISHED WITH 9 QTS AEROSHELL W100 AND NEW CHAMPION CH48103-1 OIL FILTER		
			REPLACED UPPER COWLING CAM LOCK BUTTON WITH NEW Pn.460-045 & WASHER 494-060		
			LEAK AND OPERATIONAL CHECKS SATISFACTORY.		
			THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.		
			GERARD J. KRAL	A/P 3396665 I/A CERTIFICATE NO.	
			----------END----------		

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ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
2011					

AIRFRAME/ENG LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6355.56

JANUARY. 15, 2011
SN. 32R-7680171

PERFORMED 50 HR INSPECTION, DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN. CUT OPEN AND INSPECTED OIL FILTER, NO ABNORMAILTIES FOUND. PERFORMED OIL ANALYSIS. (Sent to Aviation Labs, Copy added to Aircraft Records)
REPLENISHED WITH 9 QTS AEROSHELL W100 AND NEW CHAMPION CH48103-1 OIL FILTER

LEAK AND OPERATIONAL CHECKS SATISFACTORY. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

----------END----------

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Date
2011
04-JUNE

ENGINE LOG ENTRY

N8743E
PIPER PA32R-300
LYC IO-540-K1G5D
TACH HRS. 6385.0

JUNE 04, 2011
SN. 32R-7680171
SN. L-12689-48A
SMOH 531.86

PERFORMED AN ANNUAL /100 HR INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED COWLING AND ALL REQUIRED INSPECTION PANELS.
PERFORMED COMPRESSION CHECKS 1) 80/73 2) 80/73 3) 80/68 4) 80/72 5) 80/70 6) 80/70
DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN, CUT OPEN AND INSPECTED OIL FILTER
PERFORMED OIL ANALYSIS (Copy added to Aircraft records Aviation Labs.) NO ABNORMALTIES FOUND.
REPLENISHED WITH 9 QTS AEROSHELL W100 AND NEW CHAMPION CH48103-1 OIL FILTER
ULTRASONIC CLEANED INJECTORS, CLEANED,INSPECTED AND GAPPED SPARK PLUGS
INSPECTED AND CLEANED FUEL STRAINER. CHECKED MAG TIMMIMG.
INSPECTED AND LUBED ALL LINKAGE, CABLES & CONTROLS.
REPLACED AIR FILTER ELEMENT WITH NEW BRACKET BA-3

CONTINUED.....

ENGINE LOG ENTRY

N8743E
PIPER PA32R-300
LYC IO-540-K1G5D
TACH HRS. 6307.54

JUNE 20, 2010
SN. 32R-7680171
SN. L-12689-48A
SMOH 454.34

Date	T Hrs
2010	
ANNUAL	

PERFORMED AN ANNUAL /100 HR INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED COWLING AND ALL REQUIRED INSPECTION PANELS.
PERFORMED COMPRESSION CHECKS 1) 80/75 2) 80/73 3) 80/68 4) 80/65 5) 80/70 6) 80/72
DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN, CUT OPEN AND INSPECTED OIL FILTER
PERFORMED OIL ANALYSIS (Copy added to Aircraft records Aviation Labs.) NO ABNORMALTIES FOUND.
REPLENISHED WITH 9 QTS AEROSHELL W100 AND NEW CHAMPION CH48103-1 OIL FILTER
ULTRASONIC CLEANED INJECTORS, CLEANED,INSPECTED AND GAPPED SPARK PLUGS
INSPECTED AND CLEANED FUEL STRAINER. CHECKED MAG TIMMIMG.
INSPECTED AND LUBED ALL LINKAGE, CABLES & CONTROLS.
REPLACED 3 EA MUFFLERS WITH NEW PN. A67517-00 SN'S 13067,13068,13070 (AWI W/O 49380)
INSTALLED WITH NEW 77611 GASKETS AND REPLACED HARDWARE.
INSTALLED NEW AIR INDUCTION INLET HOSE PIPER PN. 565-458
REPLACED AIR FILTER ELEMENT WITH NEW BRACKET BA-3
CONTINUED.....

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
2010					
cont:			C/W ALL AD'S THRU 2010-12 (See detailed AD list)		
			AD 04-10-14-C1 N/A NO PROP STRIKE OR SUDDEN STOPPAGE		
			AD 08-14-07 C/W BY VISUAL INSPECTION, NO FAULTS NOTED		
			AD 06-06-51 FUEL INJ SERVO, NO FAULTS NOTED		
			AD 09-26-12 N/A NO "TITAN" CYLINDERS INSTALLED		
			AD 96-12-07 BENDIX MAGNETO IMPULSE COUPLING NEXT DUE AT 6353.2 HRS 2005-12-06		
			THIS ENGINE HAB BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR " RETURN TO SERVICE"		
			GERARD J. KRAL	A/P 3396665 I/A CERTIFICATE NO.	
			----------END----------		

	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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Date	H
9/15/09	

ACFT: N8743E MFG: Lycoming TACH: 6272.0
AC: PA 32R 3000 M/N: IO-540-K1J5D TTT: 8198.0
Date: 09/15/09 S/N: L-12689-48A TSMOH: 418.9

ENGINE LOG ENTRY

1. Competed a 50 hour inspection in accordance with the manufactures service instructions as well as the scope and detail of 14 CFR Part 43 appendix D.
2. Drained oil, installed new CH48103-1 oil filter. Filled with eight QTS of Aeroshell W100
3. Checked Magneto to engine timing. No defects found. AD 96-12-07 due at Tach 6353
4. Inspected all hoses accessories, baffles, and mounts for condition and security, and proper attachment. No defects noted. Hose change due at Tach 6853 or year 2013
5. Inspected engine controls for condition, security, proper attachment and proper operation through entire range of motion.
6. Inspected air intake system. Cleaned and reinstalled No other defect noted.
7. CIW AD 2002-26-01 Fuel injection lines, by visual inspection, no defects noted Due again at 6399.1
8. CIW AD 2006-06-51 Precision Airmotive LLC RSA-5 and RSA-10 series fuel injection servos - visually inspected no defects noted due again Tach 6259.0

International Shipping Notice - Carriage hereunder may be subject to the rules relating to liability and other terms and/or conditions established by the Convention for the Unification of Certain Rules Relating to International Carriage by Air (the "Warsaw Convention") and/or the Convention on the Contract for the International Carriage of Goods by Road (the "CMR Convention"). These commodities, technology or software were exported from the U.S. in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited. For shipping assistance, call 1-800-782-7282. United Parcel Service, Louisville, KY

15

Date	H
9/15/09 CONT/END	

9. Engine washed and ground run, checked idle speed and mixture, ops checked normal

All work performed in accordance with current Federal Aviation Regulations and manufacturer's maintenance manuals. The engine identified above has been inspected in accordance with an 50 hour Inspection, was determined to be in airworthy condition, at this date and time and is approved for return to service.

Ralph S. Bruner AP2795761IA

International Shipping Notice - Carriage hereunder may be subject to the rules relating to liability and other terms and/or conditions established by the Convention for the Unification of Certain Rules Relating to International Carriage by Air (the "Warsaw Convention") and/or the Convention on the Contract for the International Carriage of Goods by Road (the "CMR Convention"). These commodities, technology or software were exported from the U.S. in accordance with the Export Administration Regulations. Diversion contrary to U.S. law prohibited. For shipping assistance, call 1-800-782-7282. United Parcel Service, Louisville, KY

12

Ralph S Bruner
Fruitland Park, Florida

ACFT:	N8745F	Make:	Lycoming	TACH:	6225.9
AC	Piper PA32R-300	M/N:	IO-540-K1G5D	Engine TT	8152.7
DATE:	06/10/09	S/N:	L-12689-48A	TSMOH:	122.7

Date: 6/1/09

License Number

See airframe entry

WORK PERFORMED

1. Inspected in Annual inspection in accordance with the manufacturers service instructions as well as the scope and detail of 14 CFR Part 43 appendix D.
2. Drained oil, installed new CH48103-1 oil filter. Filled with ten QTS of Aeroshell W100
3. Performed cylinder differential compression check as follows: #1 78/80, #2 78/80, #3 78/80, #4 78/80, #5 76/80,#6 76/80
4. Installed 12 new spark plug REM-38E
5. Checked Magneto to engine timing. No defects found. AD 95-12-06 due at Tach 6353 (2005-12-06)
6. Inspected all hoses accessories, baffles, and mounts for condition and security, and proper attachment. No defects noted. Hose change due at Tach 6853 or year 2053
7. Removed #2 engine baffle for minor repair, reinstalled
8. Inspected engine controls for condition, security, proper attachment and proper operation through entire range of motion.
9. Inspected air intake system. Installed new air filter No other defect noted
10. Inspected engine fuel system. No other defects noted.
11. AD 2002-26-01 Fuel injection lines. By visual inspection, no defects noted Due again at 6525.8"

Page 1 of 2

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...be Shown.

13

Ralph S Bruner
Fruitland Park, Florida

Date: 6/1/09
CONT
END

License Number

12. AD 90-06-06 Precision Airmotive LLC RSA-5 and RSA-10 series fuel injection servos - servos inspected no defects noted due again Tach 6275.8"
13. Engine re-oiled and ground run, checked idle speed and mixture, ops checked normal.
14. Checked AD compliance thru 2009-09

All work performed in accordance with current Federal Aviation Regulations and manufacturer's maintenance manuals. The engine identified above has been inspected in accordance with an Annual Inspection was determined to be in airworthy condition, at this time and time and is approved for return to service.

RSB

Ralph S Bruner AP2795761IA

Page 2 of 2

Date	License Number

Leesburg, Florida

2. Inspected engine fuel system. Inspected and cleaned gascolator screen. No other defects noted.
3. [illegible] 73-01 Fuel injection lines - visual inspection no defects noted due again at 6248.0
11. [illegible] 2006-06-51 Precision Airmotive LLC RSA-5 and RSA-10 series fuel injection servos - visually inspected no defects noted due again Tach 6198.1
12. Replaced Airborne Vacuum pump with new Rapco Vacuum pump 215CC
13. Engine washed and ground run, checked idle speed and mixture, ops checked normal.
14. Checked AD compliance thru 2008-06

All work performed in accordance with current Federal Aviation Regulations and manufacturer's maintenance manuals. The engine identified above has been inspected in accordance with an Annual Inspection, was determined to be in airworthy condition, at this date and time and is approved for return to service.

Ralph S Brew

[illegible] / Owner A&P 1674114

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
1/26/09			See PP 44 "AIRCRAFT LOG" BOOK		2647425Z6 PILOT
			50hr ENGINE INSPECTION 1/26/09 @ 6199.1 TACH HRS.		
			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		

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ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
2007	TACH:				
13 AUG	6126	09	PERFORMED 50 HOUR INSPECTION IN ACCORDANCE		
			WITH PIPER SERVICE MANUAL. CHANGED OIL		
			AND FILTER. CUT OPEN AND INSPECTED FILTER		
			FOR DEBRIS - NONE NOTED. INSPECTED OIL SUMP		
			SCREEN - NO DEBRIS NOTED. TOOK MID-STREAM		
			OIL SAMPLE FOR ANALYSIS. SERVICED SUMP		
			WITH 9 QTS PHILLIPS 20W50 X-C OIL. REPLACED		
			O-RINGS ON RIGHT BRAKE CALIPER DUE TO		
			LEAKAGE. OPS CHECK GOOD.		
			Ryan Anh A&P 2833218		
			Page Total		
			Brought Forward		
			Total to Date		

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

10

Date

License Number

[redacted] Aviation
[redacted]burg, Florida

[redacted] TACH: 6138.3
[redacted] Engine TT 6074.9
[redacted] TSMOH: 264.9

ENGINE LOG ENTRY

[redacted] completed an Annual Inspection in accordance with the manufactures service [redacted] as well as the scope and detail of 14 CFR Part 43 appendix D.
[redacted] installed new CH48103-1 oil filter. Filled with ten QTS of Aeroshell [redacted]
[redacted] tested - under differential compression check as follows:
#1 - 80, #2-77/80, #3-74/80, #4-77/80, #5-78/80,#6-74/80
[redacted] installed 6 new Champ plug REM-38E
[redacted] Rotated Magneto to engine timing. No defects found. AD 96-12-07 due at [redacted]
[redacted] inspected all hoses accessories, baffles, and mounts for condition and [redacted] and proper attachment. No defects noted. Hose change due at Each [redacted] year 2013
[redacted] cycled engine controls for condition, security, proper attachment and [redacted] operation through entire range of motion.
[redacted] inspected air intake system. Cleaned and reinstalled No other defect noted.

7

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
CONTINUED FROM LAST PAGE TACH: 6069.41 11/2/2006					
INSTALLED NEW FUEL INJECTION LINE					
FOR #2 CYLINDER P/N- LW12098-0-280.					
CLEANED & LUBED STARTER BENDIX.					
LUBRICATED EXHAUST JOINTS. WASHED					
DOWN ENGINE. GROUND RUN- OPS & LK CK- OK.					
AVANTGARDE AVIATION, INC. W/O# 19917					
Jami D. Johns 280621 - A&P					
END					
			Page Total		
			Brought Forward		
			Total to Date		

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. _____

AVANTGARDE AVIATION, INC.
ENGINE LOG ENTRY N8743E

3/02/2007,100 HOUR INSPECTION,TACK TIME 6078.2,TOTAL TIME 8005.0,TIME SMOH OF ENGINE,PROPELLER & GOVERNOR [225.0], OIL AND FILTER CHANGED CUT FILTER OPEN NO METAL FOUND OIL USED AERO SHELL 15W50,COMPRESSION TEST #1 79/80,#2 74,#3 76,#4 76,#5 74,#6 74,WASHED OUT AIR BOX AND REPLACED AIR FILTER,DRESSED AND PAINTED BACKS OF PROP BLADES,REPLACED ALL THREE MUFFLERS WITH NEW AND INSTALLED OVERHAULED RISERS ON #1,3,6 CYLINDER,REPLACED CABIN HEAT SHROUD,SEE FORMS 8130-3,LUBED EXHAUST SLIP JOINTS AND STARTER BENDIX,
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION WORK ORDER # 19968 JOHN F JOHNS 1519936A&I John F Johns

			Brought Forward		
			Total to Date		

Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

5

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
			TACH: 6014.88 8/10/2006. PERFORMED OIL & FILTER CHANGE. CUT OPEN OLD OIL FILTER - NO METAL FOUND. INSTALLED NEW CH48103-1 OIL FILTER & SAFTIED. SERVICED ENGINE WITH 10 QTS. AEROSHELL 15W50 OIL. WASHED DOWN ENGINE - GROUND RUN - OPS & LK CK - OK. AVANTGARDE AVIATION, INC. WATERFORD, MI U/O# 19857 Jamie D. Johns 2806121 A&P		
			END		
			Page Total		
			Brought Forward		
			Total to Date		

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 Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
			TACH: 6069.41 11/2/2006 PERFORMED 50HR. INSPECTION I.A.W AVANTGARDE AVIATION'S 50 HR. CHECKLIST. CHANGED OIL & FILTER. INSTALLED NEW CH48103-1 OIL FILTER & SAFTIED. CUT OPEN & INSPECTED OLD OIL FILTER: NO METAL FOUND. SERVICED ENGINE WITH 10 QTS. AEROSHELL 15W50 OIL. COMPRESSION CK RESULTS: #1-75, #2-74, #3-72, #4-73, #5-73, #6-74. INSTALLED NEW ALTERNATOR FIELD WIRE TERMINAL. DRESSED, SANDED, CLEANED, & PAINTED PROP. CLEANED FUEL INJECTION NOZZLES, RE INSTALLED & TORQUED TO SPEC.		
			Page Total		
			Brought Forward		
			Total to Date		

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

CONT ON NEXT PAGE →

3

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
Oct. 5, 2005			TACH# 5904.3 Performed 50 HR Inspection, Changed oil and oil filter, cut open old oil Filter and found no metal. Dressed up prop blades, Compression test Check's @ ① 78/80 ② 72/80 ③ 70/80 ④ 74/80 ⑤ 74/80 @ 73/80 checked Exhaust hoses, wiring, Serviced with 10 qts of 15W50 Aeroshell oil, Installed a CH48103-1 oil filter, Wash down engine with Mineral Spirits, Ground run-up Check for oil leaks found None. Ruben Hernandez A&P 549920082, Avantgarde Aviation Inc. — End —		
			Page Total		
			Brought Forward		
			Total to Date		

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

4

ENGINE LOG

Serial No. _____

AVANTGARDE AVIATION, INC.
ENGINE LOG ENTRY N8743E

4/18/2006,100 HOUR INSPECTION,TACK TIME 5964.0,TOTAL TIME 7890.8,TIME SMOH OF ENGINE,PROPELLER & GOVERNOR [110.8], OIL AND FILTER CHANGED CUT FILTER OPEN NO METAL FOUND OIL USED AERO SHELL 15W50,COMPRESSION TEST #1 74/80,#2 70,#3 72,#4 71,#5 74,#6 70,WASHED OUT AIR BOX AND REPLACED AIR FILTER,DRESSED AND PAINTED BACKS OF PROP BLADES,TIED OFF SEVERAL LINES AND WIRES FOR CHAFFING,CLEANED FUEL INJECTOR NOZZLES,LUBED EXHAUST SLIP JOINTS AND STARTER BENDIX,REPLACED FUEL OVERBOARD DRAIN LINE,ADJUSTED THROTTLE ROD END,
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION WORK ORDER # 19770 JOHN F JOHNS 1519936A&I John F Johns

			Page Total		
			Brought Forward		
			Total to Date		

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

1

ENGINE LOG

Serial No. _____

AVANTGARDE AVIATION, INC.
ENGINE LOG ENTRY N8743E

5/20/2005,100 HOUR INSPECTION,TACK TIME 5853.2,TOTAL TIME 7780.0,TIME SMOH OF ENGINE,PROPELLER & GOVERNOR [O], PROP & GOV OVERHAULED BY H&S PROP SHOP SEE YELLOW TAG & FORM 8130-3.IN BACK OF LOG BOOK.
REMOVED ENGINE AND INSTALLED FACTORY OVERHAULED,INSTALLED NEW ENGINE MOUNTS,FLUSHED OIL COOLER AND LINES,REPLACED FUEL AND OIL LINES,OIL USED PHILLIPS 20W50M,WASHED OUT AIR BOX AND REPLACED AIR FILTER,REMOVED FAILED STARTER P/N MZ6222 AND INSTALLED MZ4222.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION WORK ORDER # 19516 JOHN F JOHNS 1519936A&I John F Johns

2

ENGINE LOG

Serial No. _____

Date	Time Hrs	Time Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
6/23/05			TACH-5868.2 PERFORMED OIL + FILTER CHANGE. REMOVED OLD OIL FILTER, CUT OPEN + INSPECTED - NO METAL FOUND. SERVICED ENGINE W/ 12 QTS PHILLIPS 20W50M. WASHED DOWN ENGINE. RAN ENGINE - OPS + LK CK - OK. AVANTGARDE AVIATION, INC. W/OFF 19562 Jamie D. Johns A&P 2806121		
			END		
			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		

LYCOMING
A Textron Company

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

Form No. 2480 (3/04-LM)

This engine has been overhauled in accordance with the applicable Lycoming specifications. 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 new, newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **IO-540-K1G5D**
Serial #: **L-12689-48A**
Total Time: **7780**
Work Order #: **GJ253793**
Date Completed: MAY 0 7 2005

Authorized Signature
Kenneth L. Rabun

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		

TEXTRON Lycoming

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

ENGINE LOG
AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING
MAKE MODEL SERIAL

FROM _____ 19 ____ TO _____ 19 ____

DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP 1872-1

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October 1994