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TIGER

The Standard

ENGINE LOG

Model AG-5B S/N 10238
N959TE

ASA-SE-2

The Standard Engine Log
SE-2

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ASA-SE-2

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Engine Record General Information

Manufacturer Textron Lycoming **Model** O-360-A4K

Serial L-39328-36A **Type Certificate** /

This engine is currently installed in aircraft: 10238

Minimum Octane Fuel _____ **Oil Grade** Summer _____ Winter _____

Magneto Time _____ **Point Setting** _____ **Firing Order** _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ **hours**

Textron Lycoming
652 Oliver Street
Williamsport, PA 17701 U.S.A.
(570)323-6181

REPAIRED AND FUNCTIONALLY TESTED.

P/L 10-6019

OHLYNN-818-848-5121

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 7/15/04 Tach/Total Time: 0.0 AG-5B Appliance, **Engine 0-360-A4K** has been installed, serviced, test run and approved to enter service. Signature William H. Bamwell
6-2-04	25.6		25.6	Drained oil & removed oil filter. Installed CH48110-1 oil filter. Serviced engine with 8 qts AS100 mineral oil. Ground run an checked for leaks. B Cmez AMT IA 526029253
9/21/04				Carburetor throttle binding. Removed and reinstalled after Repair by Airmotive Carburetor Co. WO 4905. Model HA-6 SN 75359609. Ground run e operationally tested. B Cmez AMT IA 526029253

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.)
1/13/05	56.4		56.4	DRAINED OIL & REMOVED OIL FILTER. INSTALLED CH48110 OIL FILTER. SERVICED ENGINE WITH 8 QTS SHELL 15/50. GROUND RUN UP AND CHECKED FOR LEAKS. JMC
				July 15, 2005 Tach Time 110.2 Compression test #1-78 #2-78 #3-78 #4-76 I certify that this engine has been inspected in accordance with an annual inspection and was found to be airworthy at this time. Bill Cassels A&P IA 2879716 BCmez

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 11/14/06 TT 151.2 Drain oil & remove oil filter. Installed Tempest AA48110 oil filter. Serviced Engine with 8qts AS 20w50 oil. Ground run and checked for leaks.
				Date 05/15/06 TT 200.1 Drain oil & remove oil filter. Installed Tempest AA48110 oil filter. Serviced Engine with 8qts AS 20w50 oil. Ground run and checked for leaks.

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.)
				July 17, 2006 Tach Time 210.5 Compression test #1-78 #2-78 #3-78 #4-78 Changed oil and serviced engine with 8 quarts Aeroshell 15w50 oil. Installed a new CH48110-1 filter. I certify that this engine has been inspected in accordance with an annual inspection and was found to be airworthy at this time. Bill Cassels A&P IA 2879716 Blend

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.)
				July 20, 2007 Tach Time 261.4 Compression test #1-78 #2-78 #3-78 #4-75 Changed oil and serviced engine with 8 quarts Aeroshell 15w50 oil. Installed a new CH48110-1 filter. I certify that this engine has been inspected in accordance with an annual inspection and was found to be airworthy at this time. Bill Cassels A&P IA 2879716

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.)
				March 21, 2008 Tach Time 278.0 Compression test #1-74 #2-76 #3-75 #4-75 Lubed rod ends. Changed oil and filter. I certify that this engine has been inspected in accordance with a 100 hour inspection and was found to be airworthy at this time. Bill Cassels AMT-IA 2879716

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.)

PRIOR Aviation Service Inc.

716-633-1000
FAX 716-839-2151

BUFFALO NIAGARA INTERNATIONAL AIRPORT
50 NORTH AIRPORT DRIVE
BUFFALO, NEW YORK 14225-1490

Registration Number	Serial Number	Total Time	Cycles	Date
N959TE	10238	330.0	N/a	4/21/08

.Ran engine, drained oil and removed filter. Filled with 7 quarts AS15W50 oil and a new CH48110-1 filter. Ground run and leak check good. Dressed nicks out of leading edge of propeller. Re-seated fuel sump drain on right wing, no leaks noted.

The aircraft and/or component identified above was repaired and inspected in accordance with current F.A.A. regulations and was found airworthy for return to service. Pertinent details of the repair are On file at this repair agency under Work Order # _17849_____ Dated ___4/21/08_____
Signed _____ for Repair Station # BIOR473C.

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.)
09 Hobbs	438.4			

PRIOR Aviation Service Inc.

716-633-1000
FAX 716-839-2151

BUFFALO NIAGARA INTERNATIONAL AIRPORT
50 NORTH AIRPORT DRIVE
BUFFALO, NEW YORK 14225-1490

Registration Number	Serial Number	Total Time	Cycles	Date
N959TE	10238	Tach 422.0	N/a	4/7/09

Complied with an Annual Inspection IAW FAR 43. All normal service items accomplished. Engine ground run up operational and leak check good. Drained oil and removed filter, filled with 8 quarts AS 15W50 oil and a new CH48110-1 filter. Compression checked, 1-78/80, 2-74/80, 3-75/80, 4-77/80.Replaced cylinders # 2,3,4 intake gaskets (71973). Replaced all 8 spark plugs (REM38E). Resecured oil dipstick housing and re-saftied. Fabricated doubler on baffle in front of #5 cylinder. Repositioned oil cooler line and secured fuel line. Secured left lower ignition leads to reduce slack. Adjusted timing on left and right magnetos. Replaced left and right magneto base gaskets (10-444613). Replaced left magneto flange gasket (62224).

The aircraft and/or component identified above was repaired and inspected in accordance with current F.A.A. regulations and was found airworthy for return to service. Pertinent details of the repair are On file at this repair agency under Work Order # __18740_____ Dated __4/7/09_____
Signed Bruce W. King for Repair Station # BIOR473C.

Repair Sta. B10R 473C
Airframe-Class 1, Class 3
Limited Airframe
Limited Powerplant
Limited Specialized Service
Limited Accessory

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.)

PRIOR Aviation Service Inc.

716-633-1000
FAX 716-839-2151

BUFFALO NIAGARA INTERNATIONAL AIRPORT
50 NORTH AIRPORT DRIVE
BUFFALO, NEW YORK 14225-1490

Registration Number	Serial Number	Hobbs Time	Cycles	Date
N959TE	10238	544.2		12/23/2009

Removed alternator p/n ALU-8521LS, s/n DO71696 due to a low voltage condition. Installed overhauled alternator p/n ALU-8521, s/n JO71105. Performed engine run to facilitate ops check. No defects noted.

The aircraft and/or component identified above was repaired and inspected in accordance with current F.A. regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this repair agen under Work Order #: 019562 Dated: 12/23/2009

Signed: _____ for Repair Station # BIOR473C.

PRIOR Aviation Service Inc.

716-633-1000
FAX 716-839-2151

BUFFALO NIAGARA INTERNATIONAL AIRPORT
50 NORTH AIRPORT DRIVE
BUFFALO, NEW YORK 14225-1490

Registration Number	Serial Number	Total Time	Cycles	Date
N949TE	10238	Tach 575.9 Hobbs 594.1	n/a	7/15/10

Complied with an Annual Inspection IAW FAR 43. All normal servicing accomplished. Engine ground run up operational and leak check good. Replaced engine air inlet scat tube. Repaired baffle at cylinder #1. Replaced CHT probe, operational check good. Replaced 4 bad spark plugs. Adjusted engine idle to 625 RPM per Lycoming mm 5-4. Drained oil and removed filter. Filled with 8 quarts AS 15W50 oil and a new CH48110-1 filter. Compression checked, 1-75/80, 3-76/80, 2-74/80, 4-75/80.

Repair Sta. BIOR 473C
Airframe-Class 1, Class 3 and
Limited Airframe
Limited Powerplant
Limited Specialized Service
Limited Accessory

I certify that this Aircraft/Engine has been inspected I.A.W. a 100 Hr/Annual/Progressive inspection and has been determined to be in an airworthy condition. For details see Prior Aviation Service's work order # 31461.

FOR: PRIOR AVIATION SERVICES INC.
GREATER BUFFALO INT'L AIRPORT
BUFFALO, NEW YORK 14225
FAA CERTIFIED REPAIR STATION

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.)

N959TE Hobbs; 690.9 Engine TT; 690.9
ENGINE
Drain engine oil, remove and inspect filter. Install new Champion oil filter P/N CH48110-1 and 8 quarts of Aeroshell 15W50 oil. Install new engine air filter. Perform 500 hr magneto inspection on both magnetos. Right magneto all coil values and condensers checked satisfactory. Install new point set P/N M3081, new carbon brush P/N K3215. Left magneto coil values checked satisfactory. Install new point set P.N M3081 and new carbon brush P/N K3215. C/W Slick SB1-86B impulse coupling inspection.
Compression Test: 1)75 2)76 3)75 4)75

The aircraft and/or component identified above was 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 station under
Service Order No. 57633 Dated: 8/11/11

James K Merrick
FAA Approved Repair Station No. B2ER144J
Boshart Enterprises and Aircraft Services, Inc.
Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS ENGINE **HAS BEEN INSPECTED IN ACCORDANCE WITH** AN ANNUAL **TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**
A.D. SUMMARY TO 2011-16 **CHECKED.**
OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: James K Merrick
FOR REPAIR STATION B2ER144J
TOTAL TIME: 690.9 **TACH:** 690.9
DATE OF INSPECTION: 8/11/11

N959TE Tach; 732.0 Engine TT; 732.0
ENGINE
Drain engine oil, remove and inspect oil filter. Install new Champion CH48110-1 oil filter and 8 qts of Aeroshell 15W50. Install new engine air filter. Install one new Champion spark plug P/N REM38E. Tighten up alternator belt. Check magneto timing to engine.
Compression Test: 1)75 2)75 3)73 4)78

The aircraft and/or component identified above was 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 station under
Service Order No. 58118 Dated: 8-29-12

James K Merrick
FAA Approved Repair Station No. B2ER144J
Boshart Enterprises and Aircraft Services, Inc.
Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS ENGINE **HAS BEEN INSPECTED IN ACCORDANCE WITH** 1 YR ANNUAL **TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**
A.D. SUMMARY TO 2012-16 **CHECKED.**
OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: James K Merrick
FOR REPAIR STATION B2ER144J
TOTAL TIME: 732.0 **TACH:** 732.0
DATE OF INSPECTION: 8/29/12

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.)
				N959TE Tach; 765.83 Engine TT; 765.83 **ENGINE** Drain engine oil, remove and inspect filter. Install a new Champion CH48110-1 and 8 qts of Aeroshell 15W50 oil.. Clean, gap, and rotate spark plugs. Time left magneto to 25° B,T,C The aircraft and/or component identified above was 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 station under **Service Order No. 60513 Dated: 10/21/13** FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020 **I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH Annual TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.** **A.D. SUMMARY TO 13-17 CHECKED.** **OPERATIONAL CHECK SATISFACTORY.** **SIGNATURE:** T. Boshart **FOR REPAIR STATION B2ER144J** **TOTAL TIME:** 765.83 **TACH:** 765.83 **DATE OF INSPECTION:** 10/21/13

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.)
				N959TE Tach; 794.83 Aircraft TT; 794.83 **ENGINE** Drain engine oil, remove and inspect oil filter. Install a new Champion CH48110 oil filter and 8 qts of Aeroshell 15W50 oil. Clean and gap spark plugs. Check magneto timing. Compression Test: 1)75 2)76 3)76 4)78 The aircraft and/or component identified above was 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 station under **Service Order No. 60945 Dated: 1/9/15** FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020 **I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH Annual TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.** **A.D. SUMMARY TO 15-01 CHECKED.** **OPERATIONAL CHECK SATISFACTORY.** **SIGNATURE:** T. Boshart **FOR REPAIR STATION B2ER144J** **TOTAL TIME:** 794.83 **TACH:** 794.83 **DATE OF INSPECTION:** 1/9/15

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.)
				N959TE Tach; 850.1 Engine TT; 850.1 **ENGINE** Drain engine oil, remove and inspect oil filter. Install a new AA48110-2 oil filter and 7 qts of Aeroshell 15W50 oil. Test ignition leads, clean, gap, and rotate spark plugs. Check magneto timing. Adjust alternator belt tension. Compression Test: 1)75 2)76 3)74 4)75 The aircraft and/or component identified above was 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 station under **Service Order No. 61430 Dated: 1/23/16** FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020 **I CERTIFY THAT THIS** Engine **HAS BEEN INSPECTED IN ACCORDANCE WITH** Annual **TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.** **A.D. SUMMARY TO** 2016-1 **CHECKED.** **OPERATIONAL CHECK SATISFACTORY.** **SIGNATURE:** _____ **FOR REPAIR STATION B2ER144J** **TOTAL TIME:** 850.1 **TACH:** 850.1 **DATE OF INSPECTION:** 1-23-16

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.)
				1/26/17 **Hobbs; 905.7** **Tach; 882.56** **Total time 882.56** **Drain oil , inspect filter. Service engine with 7qts of Aeroshell 15w50 oil. Clean , gap and rotate spark plugs. Check magneto timing. Secure wire harness to starter and install chafe strip.** **Compression reads; 1)74 2)74 3)76 4)73** The aircraft and/or component identified above was 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 station under **Service Order No. 61832 Dated: 1-20-6-17** FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020 **N959TE** **Engine** **I CERTIFY THAT THIS** Engine **HAS BEEN INSPECTED IN ACCORDANCE WITH** Annual **TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.** **A.D. SUMMARY TO** 17-02 **CHECKED.** **OPERATIONAL CHECK SATISFACTORY.** **SIGNATURE:** _____ **FOR REPAIR STATION B2ER144J** **TOTAL TIME:** 882.56 **TACH:** 882.56 **DATE OF INSPECTION:** 1/26/17

YEAR / DATE	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

YEAR / DATE	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
			AG-5B Appliance, **Engine 0-360-A4K**. Date 7/15/04 Airworthiness Directive Compliance check completed to current AD Release # 2004-15. No effect on appliance. Signature Willia H. Barnwell
			Date 7/19/04 Airworthiness Directive Compliance check completed to current AD Release # 2004-15 for Standard Airworthiness Certification. no new AD's were found. Signature J. Wright