

ENGINE LOG BOOK



Engine Log & Maintenance Record

LOG #: _____

RECORD OF Plycom's IO-360-C1C6 RL-830-51E
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N753RS

FROM 11/2 2021 TO _____ 20____

DETAILING TIME FROM 0.0 TO _____
(HOURS) (HOURS)

If used on a multi-engine aircraft: _____Right _____Left _____Front _____Rear

Rebuilt Engine Certificate of Conformance

This is to certify that the engine as described hereinafter has been REBUILT in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

LYCOMING

Part Number RENPL-RT10478
Serial Number RL-830-51E
Engine Model IO-360-C1C6
Work Order JN785508
Total Time 0

Jeff Frank 8-13-21
Authorized Representative Date

Production Certificate #3

652 Oliver Street Williamsport, PA 17701 U.S.A.
Lycoming Engines is a division of Avco Corporation

Form 2481 Rev 05/13

Engine Log

Serial # _____

KENT STATE UNIVERSITY
ENGINE
N753KS

Engine Total Time: 0.0

Complied with an Annual Inspection and Engine Change:

Installed this overhauled engine P/N IO-360-C1C6, S/N RL-830-51E (By Lycoming under W/O# MS-55347-1 dated 08/17/2021) on aircraft N753KS. Serviced engine with 6 qts Aeroshell 100 Mineral oil. Installed new lord mounts, hoses, hardware, and exhaust gaskets. C/W: **AD 2015-19-07** (fuel system inspection) by visual inspection with no defects noted. Next due at AFTT **2592.6**. Adjusted idle speed and mixture settings IAW **A.D. 2001-06-17**. Installed serviceable Reiff engine preheater. Performed post maintenance engine run-up for leak check, no leaks noted. All work performed IAW the Piper PA-28R-201 Arrow (S/N's 2844001 and up) Aircraft Maintenance Manual and the Lycoming Direct Drive Engine Maintenance Manual. The engine and related accessories were changed as follows.

ITEM	REMOVED			INSTALLED		
	PART#	SERIAL #	TIS/TSO	PART#	SERIAL #	TIS/TSO
ENGINE	IO-360-C1C6	L-36747-51E	2482.6 / 0.0	IO-360-C1C6	RL-830-51E	0.0 / 0.0
PROP	HC-C2YR-1BFP/F7497	NS4255B	498.7 / 0.0	HC-C2YR-1BFP/F7497	NS4255B	498.7 / 0.0
STARTER	149NL	FN-2916129	2084.4 TIS	149LNL	H-T031656	0.0 / 0.0
ALTERNATOR	ALX-8521-LS1	H-R040262	1001.9 / 0.0	ALX-8521-LS1	H-R040262	1001.9 / 0.0
OIL COOLER	20017A	I15-13127-4	2482.6 TIS	20017A	I14-12396-4	0.0 TSO
Governor	F-2-7A	G137WJ	2482.6 TIS	F-2-7A	G137WJ	0.0 TSO
MAGNETO (S)	L : 4372	15080491	2482.6 TIS	4372	21010195	0.0 TSN
	R : 4370	15090345	2482.6 TIS	4370	21050606	0.0 TSN
INJECTOR	RSA-5AD1	AV171462987	2482.6 TIS	RSA-5AD1	AV53979426	0.0 TSO
FUEL PUMP	62B26931	RC33152559	2482.6 TIS	62B26931	2821L0080	0.0 TSN
DISTRIBUTOR	63B26720	AV207971240	2482.6 TIS	63B26720	AV53979638	0.0 TSN

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2021-00680**. Date: **11/02/2021**

Signed: _____ Charles Doyle, Certified Repair Station NX3R886D.

Page Total: _____

Brought Forward: _____

Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
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BROU
KENT STATE UNIVERSITY
ENGINE-PA28R-201
N753KS
Total Time in Service: 24.8

A/C TOTAL TIME : 2507.4
ENG TOTAL TIME : 24.8
ENG T.S.M.O.H. : N/A
TACH TIME : 2507.4
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 523.5

Complied with: **Lycoming S.I. 1492B** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell 100 Mineral oil & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU 2021-00726**. Date: **11/10/2021**

Signed: _____ Joshua Eyring, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY
ENGINE-PA28R-201
N753KS
Total Time in Service: 54.7

A/C TOTAL TIME : 2537.3
ENG TOTAL TIME : 54.7
ENG T.S.M.O.H. : N/A
TACH TIME : 2537.3
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 553.4

Complied with, **50HR INSPECTION CHECK LIST**.

Complied with: **Lycoming S.I. 1492B** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2021-00758**. Date: **12/03/2021**

Signed: _____ Charles Doyle, Certified Repair Station NX3R886D.

Page Total: _____

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Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____



I certify that this **Engine-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **99.8**

A/C TOTAL TIME :	2582.4
ENG TOTAL TIME :	99.8
ENG T.S.M.O.H. :	N/A
TACH TIME :	2582.4
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	598.5

Complied with an **Annual Inspection**.

Compressions: 1) 76/80 2) 76/80 3) 77/80 4) 77/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with **A.D. 2015-19-07** (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of **2692.4**. Complied with **S.I. 1492D** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected snuffle valve. Adjusted left and right magneto timing by retarding each 3 degrees. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2022-00082**. Date: **02/16/2022**

Signed: Charles Doyle, Certified Repair Station NX3R886D.



ENGINE-PA28R-201
N753KS
Total Time in Service: **153.3**

A/C TOTAL TIME :	2635.9
ENG TOTAL TIME :	153.3
ENG T.S.M.O.H. :	N/A
TACH TIME :	2635.9
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	652.0

Complied with, **50HR INSPECTION CHECK LIST**.

Complied with: **Lycoming S.I. 1492B** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2022-00182**. Date: **03/25/2022**

Signed: Charles Doyle, Certified Repair Station NX3R886D.

Page Total: _____

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Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____



I certify that this **Engine-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **199.3**

A/C TOTAL TIME :	2681.9
ENG TOTAL TIME :	199.3
ENG T.S.M.O.H. :	N/A
TACH TIME :	2681.9
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	698.0

Complied with an **Annual Inspection**.

Compressions: 1) 77/80 2) 76/80 3) 77/80 4) 78/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with **A.D. 2015-19-07** (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of **2791.9**. Complied with **S.I. 1492D** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected snuffle valve. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2022-00302**. Date: **05/20/2022**

Signed: Charles Doyle, Certified Repair Station NX3R886D.



ENGINE-PA28R-201
N753KS
Total Time in Service: **248.9**

A/C TOTAL TIME :	2731.5
ENG TOTAL TIME :	248.9
ENG T.S.M.O.H. :	N/A
TACH TIME :	2731.5
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	747.6

Complied with, **50HR INSPECTION CHECK LIST**.

Complied with: **Lycoming S.I. 1492B** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2022-00346**. Date: **06/14/2022**

Signed: Christopher Brinker, Certified Repair Station NX3R886D.

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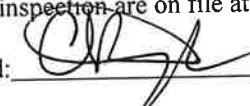
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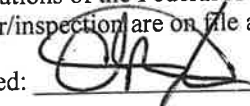
Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

Date	Time Run	Total Time	Repairs	Adjustments	Service	Remarks	Signature	Licence #
<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY ENGINE-PA28R-201 (N753KS) I certify that this Engine-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service : 298.8 </div> <div> A/C TOTAL TIME : 2781.4 ENG TOTAL TIME : 298.8 ENG T.S.M.O.H. : N/A TACH TIME : 2781.4 PROP T.S.M.O.H. : N/A PROP TOTAL TIME : 797.5 </div> </div> <p>Complied with an Annual Inspection. Compressions: 1) 76/80 2) 75/80 3) 77/80 4) 76/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of 2891.4. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected snuffle valve. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2022-00470. Date: 08/02/2022</p> <p>Signed:  Charles Doyle, Certified Repair Station NX3R886D.</p>								

<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY N753KS I certify that this Engine-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service : 398.6 </div> <div> A/C TOTAL TIME : 2816.3 ENG TOTAL TIME : 333.7 ENG T.S.M.O.H. : N/A TACH TIME : 2816.3 </div> </div> <p>Troubleshoot engine for a reported low oil pressure condition. Ran aircraft and found oil pressure to be in normal ranges for idle and static RPM. Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.) with no metal noted. Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Adjusted oil pressure relief valve 1.5 turns clockwise. Ran aircraft with no other defects noted. All work performed in accordance with the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of this repair/inspection are on file at the Repair Station under this work order: WO# KSU2022-00531 Date: 08/26/2022</p> <p>Signed:  Charles Doyle, Certified Repair Station NX3R886D.</p>								
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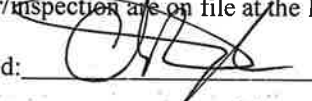
Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

Date	Time Run	Total Time	Repairs	Adjustments	Service	Remarks	Signature	Licence #
<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY ENGINE-PA28R-201 N753KS Total Time in Service: 347.3 </div> <div> A/C TOTAL TIME : 2829.9 ENG TOTAL TIME : 347.3 ENG T.S.M.O.H. : N/A TACH TIME : 2829.9 PROP T.S.M.O.H. : N/A PROP TOTAL TIME : 846.0 </div> </div> <p>Complied with, 50HR INSPECTION CHECK LIST. Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 8 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2022-00568. Date: 09/07/2022</p> <p>Signed:  Christopher Brinker, Certified Repair Station NX3R886D.</p>								

<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY ENGINE-PA28R-201 (N753KS) I certify that this Engine-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service : 398.6 </div> <div> A/C TOTAL TIME : 2881.2 ENG TOTAL TIME : 398.6 ENG T.S.M.O.H. : N/A TACH TIME : 2881.2 PROP T.S.M.O.H. : N/A PROP TOTAL TIME : 897.3 </div> </div> <p>Complied with an Annual Inspection. Compressions: 1) 77/80 2) 70/80 3) 76/80 4) 75/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of 2991.2. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected snuffle valve. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2022-00734. Date: 11/14/2022</p> <p>Signed:  Charles Doyle, Certified Repair Station NX3R886D.</p>								
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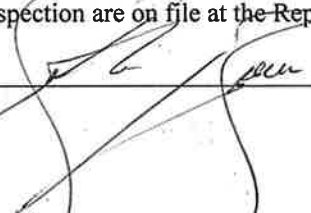
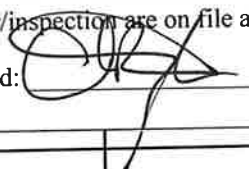
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Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

Date	Time Run	Total Time	Repairs, Adjustments, Service, Remarks	Signature	Licence #
<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY ENGINE-PA28R-201 N753KS Total Time in Service: 448.4 </div> <div> A/C TOTAL TIME : 2931.0 ENG TOTAL TIME : 448.4 ENG T.S.M.O.H. : N/A TACH TIME : 2931.0 PROP T.S.M.O.H. : N/A PROP TOTAL TIME : 947.1 </div> </div> <p>Complied with, 50HR INSPECTION CHECK LIST.</p> <p>Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2022-00807. Date: 12/16/2022</p> <p>Signed:  Seth Brown, Certified Repair Station NX3R886D.</p>					
<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY N753KS </div> <div> A/C TOTAL TIME : 2980.5 ENG TOTAL TIME : 497.9 ENG T.S.M.O.H. : N/A TACH TIME : 2980.5 </div> </div> <p>Complied with left (P/N 4372, S/N 21010195) and right (P/N 4370, S/N 21050606) magneto 500 hour internal inspection. Replaced left carbon brush with new Kelly P/N AM-3215 (date code 1936002), impulse coupling with new Kelly P/N ES3100 (date code 1941352), and woodruff key with new P/N M2536-10. Replaced right carbon brush with new Kelly P/N AM-3215 (date code 1936002). Installed magnetos and timed to engine. All work performed in accordance with the Lycoming Direct Drive Engine Maintenance Manual and Champion Master Service Manual F-1100 Revision J.</p> <p>The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of this repair/inspection are on file at the Repair Station under this work order: WO# KSU2023-00083 Date: 02/20/2023</p> <p>Signed:  Charles Doyle, Certified Repair Station NX3R886D</p>					

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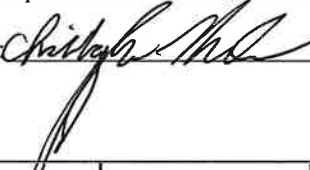
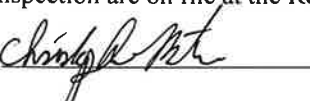
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Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

Date	Time Run	Total Time	Repairs, Adjustments, Service, Remarks	Signature	Licence #
<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY ENGINE-PA28R-201 N753KS Total Time in Service: 497.9 </div> <div> A/C TOTAL TIME : 2980.5 ENG TOTAL TIME : 497.9 ENG T.S.M.O.H. : N/A TACH TIME : 2980.5 PROP T.S.M.O.H. : N/A PROP TOTAL TIME : 996.6 </div> </div> <p>I certify that this Engine-PA28R-201 (N753KS) has been inspected in accordance with a 100 Hour Inspection and was found to be in an airworthy condition.</p> <p>Time in Service : 497.9</p> <p>Complied with a 100 Hour Inspection.</p> <p>Compressions: 1) 78/80 2) 73/80 3) 75/80 4) 76/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of 3090.5. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00083. Date: 02/20/2023</p> <p>Signed:  Christopher Brinker, Certified Repair Station NX3R886D.</p>					
<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY ENGINE-PA28R-201 N753KS Total Time in Service: 498.3 </div> <div> A/C TOTAL TIME : 2980.9 ENG TOTAL TIME : 498.3 ENG T.S.M.O.H. : N/A TACH TIME : 2980.9 </div> </div> <p>Troubleshoot for low power at full static. Performed compression check: 1) 76/80, 2) NA/80, 3) 73/80, 4) 78/80. Replaced #2 cylinder with new kit P/N 05K21120. Replaced cylinder base nuts with new P/N STD-2090 and 383-B. Performed dry tappet clearance inspection: intake .064, exhaust .039. Replaced #4 cylinder exhaust flange gasket with new P/N RA77611. Serviced engine with 6 quarts of Aeroshell 80 Mineral oil. Replaced all eight spark plugs with new Tempest UREM38E. Cleaned fuel injector nozzles and reinstalled. Cleaned fuel control inlet screen. Flow tested injector nozzles with no defects noted. Verified left and right magneto timing with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00096. Date: 02/27/2023</p> <p>Signed:  Christopher Brinker, Certified Repair Station NX3R886D.</p>					

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Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

Date	Time Run	Total Time	Repairs, Adjustments, Service, Remarks	Signature	Licence #
<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY ENGINE-PA28R-201 N753KS Total Time in Service: <u>522.4</u> </div> <div> A/C TOTAL TIME: <u>3005.0</u> ENG TOTAL TIME: <u>522.4</u> ENG T.S.M.O.H.: <u>N/A</u> TACH TIME: <u>3005.0</u> PROP T.S.M.O.H.: <u>N/A</u> PROP TOTAL TIME: <u>1021.1</u> </div> </div> <p>Complied with, 25 HOUR OIL CHANGE.</p> <p>Complied with: Lycoming S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS Aeroshell W15W-50 & AA48111 filter. Took oil sample. Performed post maintenance engine run-up for leak check, no leaks noted. Operationally checked good per: Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00143. Date: 03/16/2023</p> <p>Signed: <u>Christopher Brinker</u> Christopher Brinker, Certified Repair Station NX3R886D.</p>					
<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY ENGINE-PA28R-201 N753KS Total Time in Service: <u>547.3</u> </div> <div> A/C TOTAL TIME: <u>3029.9</u> ENG TOTAL TIME: <u>547.3</u> ENG T.S.M.O.H.: <u>N/A</u> TACH TIME: <u>3029.9</u> PROP T.S.M.O.H.: <u>N/A</u> PROP TOTAL TIME: <u>1046.0</u> </div> </div> <p>Complied with, 50HR INSPECTION CHECK LIST.</p> <p>Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00196. Date: 4/6/2023</p> <p>Signed: <u>Sarah Johnson</u> Sarah Johnson, Certified Repair Station NX3R886D.</p>					

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All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY ENGINE-PA28R-201 (N753KS) Time in Service: <u>597.5</u> </div> <div> A/C TOTAL TIME: <u>3080.1</u> ENG TOTAL TIME: <u>597.5</u> ENG T.S.M.O.H.: <u>N/A</u> TACH TIME: <u>3080.1</u> PROP T.S.M.O.H.: <u>N/A</u> PROP TOTAL TIME: <u>1096.2</u> </div> </div> <p>I certify that this Engine-PA28R-201 (N753KS) has been inspected in accordance with a 100 Hour Inspection and was found to be in an airworthy condition.</p> <p>Complied with a 100 Hour Inspection.</p> <p>Compressions: 1) 76/80 2) 74/80 3) 76/80 4) 78/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of 3190.1. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected snuffle valve. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00321. Date: 05/24/2023</p> <p>Signed: <u>Seth Brown</u> Seth Brown, Certified Repair Station NX3R886D.</p>					
<div style="display: flex; justify-content: space-between;"> <div> KENT STATE UNIVERSITY N753KS </div> <div> A/C TOTAL TIME: <u>3100.7</u> ENG TOTAL TIME: <u>618.1</u> ENG T.S.M.O.H.: <u>N/A</u> TACH TIME: <u>3100.7</u> </div> </div> <p>Troubleshoot reported low idle speed, found idle at 500 RPM with mixture rise of approximately 100 RPM. Adjusted idle mixture 3 clicks lean and idle speed for seasonal change. Engine idle around 720 RPM and mixture rise 30-40 RPM. All work performed in accordance with the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of this repair/inspection are on file at the Repair Station under this work order: WO# KSU2023-00354 Date: 06/02/2023</p> <p>Signed: <u>Charles Doyle</u> Charles Doyle, Certified Repair Station NX3R886D.</p>					

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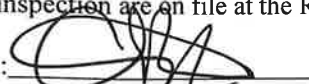
Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial #



Time Run	Total Time	Remarks	Signature	Licence #
<div><div>KENT STATE UNIVERSITY ENGINE-PA28R-201 N753KS Total Time in Service: 646.9</div><div><div>A/C TOTAL TIME : 3129.5 ENG TOTAL TIME : 646.9 ENG T.S.M.O.H. : N/A TACH TIME : 3129.5 PROP T.S.M.O.H. : N/A PROP TOTAL TIME : 1145.6</div></div><p>Complied with, 50HR INSPECTION CHECK LIST. Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Adjusted idle mixture control 2 clicks rich for seasonal change. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p><p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00381. Date: 06/14/2023</p><p>Signed:  Christopher Brinker, Certified Repair Station NX3R886D.</p></div>				


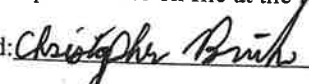
<div><div>KENT STATE UNIVERSITY I certify that this Engine-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service : 697.3</div><div><div>A/C TOTAL TIME : 3179.9 ENG TOTAL TIME : 697.3 ENG T.S.M.O.H. : N/A TACH TIME : 3179.9 PROP T.S.M.O.H. : N/A PROP TOTAL TIME : 1196.0</div></div><p>Complied with an Annual Inspection. Compressions: 1) 76/80 2) 77/80 3) 76/80 4) 76/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of 3289.9. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p><p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00445. Date: 07/18/2023</p><p>Signed:  Charles Doyle, Certified Repair Station NX3R886D.</p></div>				
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Total to Date:

Engine Log

Serial #

<div><div>KENT STATE UNIVERSITY ENGINE-PA28R-201 N753KS Total Time in Service: 744.7</div><div><div>A/C TOTAL TIME : 3227.3 ENG TOTAL TIME : 744.7 ENG T.S.M.O.H. : N/A TACH TIME : 3227.3 PROP T.S.M.O.H. : N/A PROP TOTAL TIME : 1243.4</div></div><p>Complied with, 50HR INSPECTION CHECK LIST. Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p><p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00532. Date: 09/05/2023</p><p>Signed:  Charles Doyle, Certified Repair Station NX3R886D.</p></div>	nce #
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<div><div>KENT STATE UNIVERSITY I certify that this Engine-PA28R-201 (N753KS) has been inspected in accordance with a 100 Hour Inspection and was found to be in an airworthy condition. Time in Service : 797.0</div><div><div>A/C TOTAL TIME : 3279.6 ENG TOTAL TIME : 797.0 ENG T.S.M.O.H. : N/A TACH TIME : 3279.6 PROP T.S.M.O.H. : N/A PROP TOTAL TIME : 1295.7</div></div><p>Complied with a 100 Hour Inspection. Compressions: 1) 77/80 2) 75/80 3) 77/80 4) 74/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of 3389.6. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Adjusted idle mixture control 2 clicks lean for seasonal change. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p><p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2023-00647. Date: 10/30/2023</p><p>Signed:  Christopher Brinker, Certified Repair Station NX3R886D.</p></div>	nce #
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Engine Log

Serial #

Date
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KENT STATE UNIVERSITY
ENGINE-PA28R-201

N753KS
Total Time in Service: 854.7

A/C TOTAL TIME : 3337.3
ENG TOTAL TIME : 854.7
ENG T.S.M.O.H. : N/A
TACH TIME : 3337.3
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1353.4

Complied with, **50HR INSPECTION CHECK LIST**.
Complied with: **Lycoming S.I. 1492B** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2023-00698**. Date: **11/22/2023**

Signed: Charles Doyle, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

I certify that this **Engine-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **896.8**

A/C TOTAL TIME : 3379.4
ENG TOTAL TIME : 896.8
ENG T.S.M.O.H. : N/A
TACH TIME : 3379.4
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1395.5

Complied with an **Annual Inspection**.
Compressions: 1) 76/80 2) 74/80 3) 72/80 4) 77/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with **A.D. 2015-19-07** (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of **3489.4**. Complied with **S.I. 1492D** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected snaffle valve. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2023-00749**. Date: **01/02/2024**

Signed: Charles Doyle, Certified Repair Station NX3R886D.

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All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial #

Date
BROUG

KENT STATE UNIVERSITY
ENGINE-PA28R-201
N753KS

Total Time in Service: 954.4

A/C TOTAL TIME : 3437.0
ENG TOTAL TIME : 954.4
ENG T.S.M.O.H. : N/A
TACH TIME : 3437.0
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1453.1

Complied with, **50HR INSPECTION CHECK LIST**.
Complied with: **Lycoming S.I. 1492B** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2024-00074**. Date: **2/16/2024**

Signed: Sarah Johnson, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY
N753KS

A/C TOTAL TIME: 3476.9
ENG TOTAL TIME: 994.3
ENG T.S.M.O.H.: N/A
TACH TIME: 3476.9

Complied with left (P/N 4372, S/N 21010195) and right (P/N 4370, S/N 21050606) magneto 500 hour internal inspection. Replaced left magneto carbon brush with new P/N AM-3215 (date code 1951111) and cotter pin with new P/N AM-2556 (date code 1934933). Replaced right magneto carbon brush new P/N AM-3215 (date code 1951111) and coil with new P/N AK-3975 (date code 1941064). Installed magnetos and timed to engine using new gaskets two each P/N LW-12681 and one P/N 62224. Installed four new mount nuts P/N STD1410 and new lock washers. All work performed in accordance with Lycoming Direct Drive Engine Maintenance Manual and Champion Master Service Manual F-1100 rev J.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2024-00145**. Date: **3/18/2024**

Signed: Sarah Johnson, Certified Repair Station NX3R886D.

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Total to Date:

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial #



I certify that this **Engine-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service :**994.3**

A/C TOTAL TIME : **3476.9**
ENG TOTAL TIME : **994.3**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **3476.9**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1493.0**

Complied with an **Annual Inspection**.
Compressions: 1) 76/80 2) 75/80 3) 75/80 4) 76/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with **A.D. 2015-19-07** (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of **3586.9**. Complied with **S.I. 1492D** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected snaffle valve. Complied with **S.B. 388C** (exhaust valve guide) by visual inspection and measurement: 1) .023 2) .024 3) .020 4) .024 and **S.B. 301B** (valve train) by visual inspection with no defects noted. Replaced one each ignition lead spring P/N M2929, electrode P/N M1498, and insulator P/N M1738 in left and right magneto caps. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2024-00145**. Date: **03/25/2024**

Signed: Charles Doyle, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY
ENGINE-PA28R-201
N753KS
Total Time in Service: **1043.1**

A/C TOTAL TIME : **3525.7**
ENG TOTAL TIME : **1043.1**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **3525.7**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1541.8**

Complied with, **50HR INSPECTION CHECK LIST**.
Complied with: **Lycoming S.I. 1492B** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2024-00229**. Date: **04/24/2024**

Signed: Christopher Brinker, Certified Repair Station NX3R886D.

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All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial #



I certify that this **Engine-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service :**1094.0**

A/C TOTAL TIME : **3576.6**
ENG TOTAL TIME : **1094.0**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **3576.6**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1592.7**

Complied with an **Annual Inspection**.
Compressions: 1) 77/80 2) 77/80 3) 77/80 4) 79/80. Took oil sample. Cut & inspected old oil filter. Replaced all eight sparkplugs with new Tempest UREM38E. Complied with **A.D. 2015-19-07** (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of **3686.6**. Complied with **S.I. 1492D** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected snaffle valve. Replaced #2 rocker cover gasket with new RG-67193. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2024-00283**. Date: **05/16/2024**

Signed: Christopher Brinker, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY
ENGINE-PA28R-201
N753KS
Total Time in Service: **1143.8**

A/C TOTAL TIME : **3626.4**
ENG TOTAL TIME : **1143.8**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **0.0**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1642.5**

Complied with, **50HR INSPECTION CHECK LIST**.
Complied with: **Lycoming S.I. 1492B** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2024-00338**. Date: **06/06/2024**

Signed: Christopher Brinker, Certified Repair Station NX3R886D.

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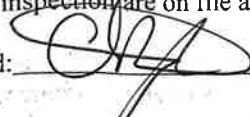
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Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

Date BRO	 <p>I certify that this Engine-PA28R-201 (N753KS) has been inspected in accordance with an <u>Annual Inspection</u> and was found to be in an airworthy condition. Time in Service : <u>1193.8</u></p>	<p>A/C TOTAL TIME : <u>3676.4</u> ENG TOTAL TIME : <u>1193.8</u> ENG T.S.M.O.H. : <u>N/A</u> TACH TIME : <u>50.0</u> PROP T.S.M.O.H. : <u>N/A</u> PROP TOTAL TIME : <u>1692.5</u></p>	ence #
<p>Complied with an <u>Annual Inspection</u>. Compressions: 1) 76/80 2) 77/80 3) 75/80 4) 78/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of 3786.4. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Adjusted idle mixture 2 clicks lean for seasonal change and adjusted idle speed. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2024-00404. Date: 07/08/2024</p> <p>Signed:  Charles Doyle, Certified Repair Station NX3R886D.</p>			

Date BRO	 <p>ENGINE-PA28R-201 N753KS Total Time in Service: <u>1242.4</u></p>	<p>A/C TOTAL TIME : <u>3725.0</u> ENG TOTAL TIME : <u>1242.4</u> ENG T.S.M.O.H. : <u>N/A</u> TACH TIME : <u>98.6</u> PROP T.S.M.O.H. : <u>N/A</u> PROP TOTAL TIME : <u>1741.1</u></p>	ence #
<p>Complied with, <u>50HR INSPECTION CHECK LIST</u>. Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2024-00478. Date: 08/05/2024</p> <p>Signed:  Charles Doyle, Certified Repair Station NX3R886D.</p>			

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Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

Date BRO	 <p>I certify that this Engine-PA28R-201 (N753KS) has been inspected in accordance with an <u>Annual Inspection</u> and was found to be in an airworthy condition. Time in Service : <u>1293.5</u></p>	<p>A/C TOTAL TIME : <u>3776.1</u> ENG TOTAL TIME : <u>1293.5</u> ENG T.S.M.O.H. : <u>N/A</u> TACH TIME : <u>149.7</u> PROP T.S.M.O.H. : <u>N/A</u> PROP TOTAL TIME : <u>1792.2</u></p>	ence #
<p>Complied with an <u>Annual Inspection</u>. Compressions: 1) 78/80 2) 77/80 3) 76/80 4) 78/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with A.D. 2015-19-07 (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of 3886.1. Complied with S.I. 1492D (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected sniffle valve. Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2024-00564. Date: 09/10/2024</p> <p>Signed:  Christopher Brinker, Certified Repair Station NX3R886D.</p>			

Date BRO	 <p>ENGINE-PA28R-201 N753KS Total Time in Service: <u>1342.4</u></p>	<p>A/C TOTAL TIME : <u>3825.0</u> ENG TOTAL TIME : <u>1342.4</u> ENG T.S.M.O.H. : <u>N/A</u> TACH TIME : <u>198.6</u> PROP T.S.M.O.H. : <u>N/A</u> PROP TOTAL TIME : <u>1841.1</u></p>	ence #
<p>Complied with, <u>50HR INSPECTION CHECK LIST</u>. Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.B. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.</p> <p>The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2024-00711. Date: 10/29/2024</p> <p>Signed:  Christopher Brinker, Certified Repair Station NX3R886D.</p>			

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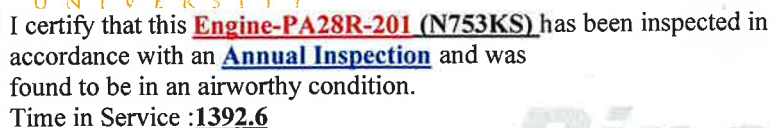
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All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Serial # _____

ance #



A/C TOTAL TIME :	<u>3875.2</u>
ENG TOTAL TIME :	<u>1392.6</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>248.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1891.3</u>

Complied with an Annual Inspection.

Compressions: 1) 76/80 2) 77/80 3) 77/80 4) 78/80. Took oil sample. Cut & inspected old oil filter. Cleaned, gapped, inspected, and rotated sparkplugs. Complied with **A.D. 2015-19-07** (fuel injector lines) by visual inspection with no defects noted. A.D. next due at AFTT of 3985.2. Complied with **S.I. 1492D** (oil filter insp.) & **S.B. 480E** (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Aeroshell W15W-50 and AA48111 filter. Cleaned fuel nozzles. Tightened all fluid lines and hoses. Installed and tightened ignition leads. Inspected and cleaned fuel inlet filter and threads, reinstalled using new O-rings. Cleaned and inspected snuffle valve. Replaced leaking #3 and #4 intake gaskets with new P/N Performed post maintenance engine run-up for leak check, no leaks noted. Operational checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2025-00343. Date: 05/08/2025

Signed: Christy K. Park

Christopher Brinker, Certified Repair Station NX3R886D.

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All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.