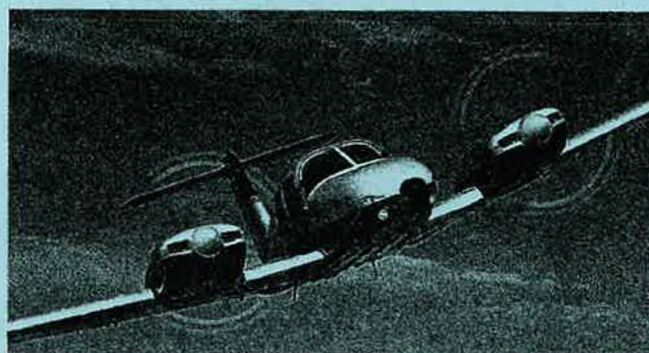


AIRFRAME



MAINTENANCE RECORDS


KENT STATE
UNIVERSITY



Airframe Maintenance Records

AIRCRAFT REGISTRATION NO. N752KS

AIRCRAFT MFG PIPER MODEL PA-28R-201 SERIAL NO. 285154

ENGINE MFG LYCOMING MODEL IO-360-C1C6

PROPELLER MFG McCAULEY MODEL B2D34C213-B

ENGINE MFG _____ MODEL _____

PROPELLER MFG _____ MODEL _____

BOOK 1 OF _____

AIRCRAFT DESCRIPTION

Registration No. N752KS

Model: PA-28R-201 Popular Name: ARROW

Serial No.: 2844154 Type Certificate No.: 2A13

Colors: MATTERHORN WHITE & DARK BLUE MET. / GOLD MET.

Engine Manufacturer: LYCOMING Serial Numbers: Single L-36467-51E

Original Engine Model: IO-360-C1C6 Left _____ Right _____

Propeller Manufacturer: MCCAULEY Hub or Serial Number: Single 140218

Original Propeller Model: B2D34C213-B Left _____ Right _____

Blade Numbers

Left AIC26040 Right _____

AIC26041 _____ 20"

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
All applicable Federal Aviation Administration Airworthiness Directives, through BI-Weekly <u>2014-24</u> have been complied with at the time of manufacture.		<u>5.8</u>	<u>DEC 04 2014</u>	
Signed: <u>M.D. GERTHOFFER</u> 746375679 PIPER AIRCRAFT, INC.				

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
DEC 04 2014	Brought Forward →	5.8		I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.
				The Altimeter and Static System Test required by FAR 91.411 have been performed. The altimeter(s) have been tested:
				On (Pri) <u>10/23/14</u> (Sec) <u>10/2/14</u>
				<u>55,000 ft</u> <u>20,000 ft</u>
				The ELT is installed per FAR 91.207. Battery Replacement date: <u>SEP 2021</u>
				Dated: <u>DEC 04 2014</u>
				<u>M.D. GERTHOFFER</u> 746375679
				Piper Aircraft, Inc. Vero Beach, Florida
Total To Carry Forward		5.8		

Registration No. N752KS

and Remarks	Signature	Certificate No.
The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F.		
1. Make <u>GARMIN</u> Model <u>GTX330</u> S/N <u>84148011</u>		
2. Make <u>NA</u> Model <u>NA</u> S/N <u>NA</u>		
Details of this Inspections are on file at this facility under:		
ACFT S/N <u>2844154</u> Date <u>11/12/14</u>		
The Automatic Pressure Altitude Reporting Equipment Test required by FAR Part 91.217 have been performed this date: <u>11/12/14</u>		
<u>M.D. GERTHOFFER</u> 746375679		
Piper Aircraft, Inc. Vero Beach, Florida		

Tanis Aircraft Products

P.O. Box 117
Glenwood, MN 56334
800-443-2136
www.tanisaircraft.com



Item: Engine Preheater
P/N: TAS100-01, TAS100-01SP
TAS100-01-DT

S/N: 45586

Eligible On: See Reverse

MAINTENANCE LOG

SERVICABLE TAGS

DA

KENT STATE
UNIVERSITY

N752KS

AFTT: 17.9
TACH: 17.9

Updated GPS Nav database, cycle expires 03-05-2015.
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. Date: 02/05/2015

Signed: Thomas S. Napoletano A&P 3007727

KENT STATE
UNIVERSITY
AIRFRAME-PA-28R-201

N751KS

Time in Service : 24.9

Installed a new Tanis engine preheater kit P/N TAS100-01-DT, S/N 45586 as a minor alteration. Adjusted weight and balance and equipment list for preheater installation. Installed the Tanis POH supplement as required. All work performed IAW the Piper Arrow III Aircraft 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. Date: 02/13/2015

Signed: Charles Doyle A&P 3125891

A/C TOTAL TIME : 24.9
ENG TOTAL TIME : 24.9
ENG T.S.M.O.H. : N/A
TACH TIME : 24.9
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 24.9

KENT STATE
UNIVERSITY

N752KS

AFTT: 46.8
TACH: 46.8

Updated GPS navigation databases, and G500 display navigation database. Cycle expires 04/02/2015.

Signed: Joshua Eyring A+P 2761827. Date: 03/04/2015

AIRFRAME MAINTENANCE LOG

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.

KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 54.5

A/C TOTAL TIME : 54.5
ENG TOTAL TIME : 54.5
ENG T.S.M.O.H. : N/A
TACH TIME : 54.5
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 54.5

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, interior & exterior lighting, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. All work performed IAW the PA28R-201 Arrow Service 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. Date: 03/10/2015

Signed: Joshua Eyring A+P 2761827

KENT STATE
UNIVERSITY

N752KS

AFTT: 70.1
TACH: 70.1

Replaced tube in nose wheel tire with new Goodyear 5.00x5 tube. Leak checked with no defects noted. All work completed IAW Piper PA-28R-201 Arrow III Aircraft Maintenance Manuals.

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. Date: 03/25/2015

Signed: Charles Doyle A&P 3125891

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
		out of date



N752KS

AFTT: 13.5
TACH: 13.5

Complied with a Kent State University aircraft acceptance Inspection. Adjusted nose gear upstop, and nose gear doors for proper travel, clearance, and closure. Performed normal and emergency gear swings with no defects noted. Replaced OEM landing light bulb with PMA'd Whelen Parmetheus Plus LED Model P36P1L P/N 01-0771833-10. Updated both GPS, and G500 navigation databases, cycle expired 2-5-2015. All work performed IAW the Piper Arrow III Aircraft 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. Date: 01/08/2015

Signed: Joshua Eyring A+P 2761827.



N752KS

AFTT: 74.7
TACH: 74.7

Updated GPS Nav database, cycle expires 04-30-2015.
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. Date: 04/02/2015

Signed: Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG

DATE	TACH OR	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF



N752KS

AFTT: 99.7
TACH: 99.7

Updated GPS Nav database, cycle expires 05-28-2015.
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. Date: 04/30/2015

Signed: Thomas S. Napoletano A&P 3007727



I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 99.7

A/C TOTAL TIME :	99.7
ENG TOTAL TIME :	99.7
ENG T.S.M.O.H. :	N/A
TACH TIME :	99.7
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	99.7

Complied with an Annual Inspection.
Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis engine preheater with no defects noted. Serviced right main strut with nitrogen. Adjusted the following flight control cable tensions due to being low, out of spec: Aileron primary and secondary cable tensions, rudder cable tensions, and stabilator cable tensions. Inspected all flight control surface travels after adjustment, all travels fall within Mfg specifications. Safetied all turnbuckles with new P/N MS21256-1 clips. Inspected wing aft mount attach bolts. Torque stripping is undisturbed, determined to be acceptable at this time. Adjusted RMG downlock J-Hook switch as required. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 05/06/2015

Signed: Charles Doyle A&P 3125891 IA.

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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N752KS

AFTT: 100.3
TACH: 100.3

Found LMG tire to be leaking down. Jacked aircraft, removed LMG tire/wheel assembly, and replaced tube with a new Goodyear 15/6.00X6 tube. Repacked LMG wheel bearings, reassembled tire/wheel assembly, and reinstalled tire/wheel assembly back on aircraft. Found OAT and TAS inop on PFD display. Removed wing panel containing GTP-59 temperature probe and cleaned all ground connections with emery cloth. Cleaned around all wing panel attach screw holes and applied copper anti seize around screw holes between aircraft skin and wing panel. Reseated GTP-59 electrical connector. Found OAT and TAS to now function properly. All work performed IAW the Piper PA28R-181 (S/N's 2844001 and on) Aircraft 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. Date: 05/07/2015

Signed: [Signature] Joshua Eyring A+P 2761827.



N752KS

AFTT: 129.4
TACH: 129.4

Updated GPS Nav database, cycle expires 06-25-2015.

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. Date: 05/28/2015

Signed: [Signature] Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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N752KS

AFTT: 135.4
TACH: 135.4

Troubleshoot landing gear system for 25 amp pump circuit breaker popping. No defects were noted. Replaced 25 amp pump circuit breaker with new P/N 652-409. Performed five normal gear swings and one emergency extension with no defects noted.

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.

Date: 06/03/2015

Signed: [Signature] Charles Doyle A&P 3125891



N752KS

Total Time in Service: 143.7

A/C TOTAL TIME:	<u>143.7</u>
ENG TOTAL TIME:	<u>143.7</u>
ENG T.S.M.O.H.:	<u>N/A</u>
TACH TIME:	<u>143.7</u>
PROP T.S.M.O.H.:	<u>N/A</u>
PROP TOTAL TIME:	<u>143.7</u>

PIPER

Complied with 50Hr Inspection Checklist

Inspected and serviced as needed: hydraulic fluid and tires. Inspected: interior and exterior lighting, brake linings, and calipers. Inspected interior and exterior airframe for general condition. Replaced lower cowling front bushings with two new P/N MC69790-00. All work performed IAW the Piper PA-28R-201 Series Aircraft 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. Date: 06/08/2015

Signed: [Signature] Lu Dong A&P 3330485

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

TACH	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH	OF
KENT STATE UNIVERSITY AFTT: <u>172.6</u> TACH: <u>172.6</u>	<p>Updated GPS Nav database, cycle expires 07-23-2015.</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. Date: <u>06/25/2015</u></p> <p>Signed: <u>Thomas S. Napoletano</u> A&P 3007727</p>	N752KS

KENT STATE UNIVERSITY AFTT: <u>172.6</u> TACH: <u>172.6</u>	<p>Installed aircraft documents holder in baggage area side panel using 18 inch by 5 inch clear plexiglass, weight and balance change is negligible. 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. Date: <u>06/25/2015</u></p> <p>Signed: <u>Lu Dong</u> A&P 3330485</p>	N752KS
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AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK
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I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 199.5

A/C TOTAL TIME :	<u>199.5</u>
ENG TOTAL TIME :	<u>199.5</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>199.5</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>199.5</u>

Piper

Complied with an Annual Inspection.
Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis engine preheater with no defects noted. Performed normal and emergency gear swings with no defects noted. Repacked RMG wheel bearings. Replaced both stabilator pulleys under cabin floor with new P/N 62711-003. Replaced NLG up stop assembly with new P/N 37970-005. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 07/16/2015
Signed: Charles Doyle A&P 3125891 IA.

PA28R



AFTT: 208.1
TACH: 208.1

Updated GPS navigation databases, and G500 database, next cycle expires 08/20/2015.

Signed: Joshua Eyring A&P 2761827. Date: 7/22/2015

N752KS



AFTT: 208.1
TACH: 208.1

Replaced RMG tube with new P/N G15//6.00*6 and repacked wheel bearings. Serviced tires. 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. Date: 06/25/2015

Signed: Lu Dong A&P 3330485

N752KS

CRIB

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AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY
AIRFRAME-PA28R-201
N752KS
 Total Time in Service: 249.1

A/C TOTAL TIME :	<u>249.1</u>
ENG TOTAL TIME :	<u>249.1</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>249.1</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>249.1</u>

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. All work performed IAW the PA28R-201 Arrow Service 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. Date: 08/06/2015

Signed: [Signature] Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N752KS

AFTT: 261.6
 TACH: 261.6

Replaced storm window latch with new P/N 472-024, new special integrated washer screw P/N 79572-002, new special washer P/N 79572-003, one each new rubber washer P/N 79572-004, new screw P/N 520-016, and new shake proof washer P/N 408-826. All work performed IAW Piper Arrow PA-28R-201 Service 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. Date: 08/11/2015

Signed: [Signature] Charles Doyle A&P 3125891

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY

N752KS

AFTT: 266.8
 TACH: 266.8

Removed inop Sky-Tec starter P/N 149-NL (Lycoming P/N 31B23592), S/N FN-321403 and installed a new Sky-Tec starter P/N 149-NL, S/N FN-0615137. Ops. tested normal. Found nose gear upstop bumper severely torn. Replaced nose gear upstop bumper with new P/N 37970-005. Jacked aircraft and adjusted bumper for proper nose gear up travel. Performed normal and emergency gear swings with lower cowling attached, all functions tested normal. All work performed IAW the Piper Arrow III Service Manual (S/N's 2844001 & Up) and 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. Date: 08/13/2015

Signed: [Signature] Joshua Eyring A+P 2761827.

KENT STATE UNIVERSITY

N752KS

AFTT: 294.1
 TACH: 294.1

Updated GPS navigation databases, and G500 display navigation database. Cycle expires 09/17/2015.

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 08/20/2015

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service :**298.6**

A/C TOTAL TIME :	298.6
ENG TOTAL TIME :	298.6
ENG T.S.M.O.H. :	N/A
TACH TIME :	298.6
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	298.6

Complied with an **Annual Inspection**.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (**09/2021**). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis engine preheater with no defects noted. Performed normal and emergency gear swings with no defects noted. Rotated nose tire for wear and repacked wheel bearings. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: **08/24/2015**

Signed: Charles Doyle A&P 3125891 IA.



N752KS

AFTT: **308.6**
TACH: **308.6**

Performed troubleshooting related to ALT annunciator staying lit. Ran aircraft, found charging system to function normally while ALT light remains lit. Inspected ALT wire circuit under instrument panel with no defects noted. Removed cowl, found alternator AUX output in line fuse holder to have broken solder connection. Re-soldered AUX wire to fuse holder, secured AUX wire circuit wiring with tie wrap straps, and reinstalled upper and lower cowl. Ran engine and charging system with no further defects noted. All work performed IAW the Piper Arrow III Aircraft Maintenance Manual (S/N 2844001 & Up).

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. Date: **08/28/2015**

Signed: Joshua Eyring A+P 2761827.

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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N752KS

AFTT: **328.2**
TACH: **328.2**

Performed troubleshooting related to inop stall warning horn. Found power reaching horn with no horn activation. Replaced defective stall warning horn with a new P/N 565-407. Performed stall horn operational check with no further defects noted. Found rear upper air duct velcro coming loose with duct sagging. Secured rear upper air duct in place with four #4 PK trim screws. All work performed IAW the Piper PA28R-201 Arrow Aircraft Maintenance Manual (S/N's 2844001 & Up).

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. Date: **09/04/2015**

Signed: Joshua Eyring A+P 2761827.



N752KS

AFTT: **348.1**
TACH: **348.1**

Ran aircraft and found governor stop set approximately 100 RPM low during full static run-up. Adjusted governor stop screw to achieve 2650-2700 RPM and rigged propeller control lever for proper travel. All work performed IAW the Piper PA-28R-201 Arrow 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. Date: **09/16/2015**

Signed: Charles Doyle A&P 3125891



N752KS

AFTT: **349.1**
TACH: **349.1**

Updated GPS Nav database, cycle expires 10-15-2015.

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. Date: **09/17/2015**

Signed: Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201
N752KS
Total Time in Service: 358.0

A/C TOTAL TIME : 358.0
ENG TOTAL TIME : 358.0
ENG T.S.M.O.H. : N/A
TACH TIME : 358.0
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 358.0

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced RMG outboard brake lining with new P/N 066-10500. All work performed IAW the PA28R-201 Arrow Service 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. Date: 09/22/2015

Signed: Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N752KS

AFTT: 372.4
TACH: 372.4

Complied with Piper S.B. 1280 (H3R Fire Extinguisher Replacement) by replacing fire extinguisher and mounting bracket P/N 459-887 with new Piper P/N 459-750, aircraft weight and balance change negligible.

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. Date: 10/05/2015

Signed: Charles Doyle A&P 3125891.

AIRFRAME MAINTENANCE LOG

TACH DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH

KENT STATE UNIVERSITY

N752KS

AFTT: 398.5
TACH: 398.5

Updated GPS Nav database, cycle expires 11-12-2015.

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. Date: 10/15/2015

Signed: Thomas S. Napoletano A&P 3007727

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service :398.5

A/C TOTAL TIME : 398.5
ENG TOTAL TIME : 398.5
ENG T.S.M.O.H. : N/A
TACH TIME : 398.5
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 398.5

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09-2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis engine preheater with no defects noted. Complied with hydraulic fluid contamination check with no defects noted. Replaced RMG tire and inner tube with new P/N Goodyear tire 6.00*6*6 FCIII and P/N Goodyear tube G15/6.00*6, and repacked wheel bearings. Replaced RMG and LMG inboard brake linings with new P/N 066-10500. Tightened LMG wheel axle nut as required and replaced axle nut cotter pin. Replaced LH aileron outboard static wick with new P/N 494-678. Replaced cabin heat shroud inlet rubber hose with new P/N 565-447. Replaced LH aileron outboard cable pulley with new P/N 481-614. Replaced all six aileron control cables with new P/N 62701-099 (2) 62701-143 (2) 62701-123 (1) and 62701-124 (1), and replaced all three turnbuckles with new P/N 489-910. Rigged aileron control system for proper control cable tension and control surface travel. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 10/20/2015

Signed: Lu Dong A&P 3330485 IA.

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG



N752KS

AFTT: 413.1
TACH: 413.1

Tightened 1/2 turn each on LH and RH aileron primary control cable turnbuckles for proper cable tension, and safetied turnbuckles with new safety clip P/N MS21256-1. Operations checked with no defects noted, per: Piper Arrow PA-28R-201 Series 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. Date: 10/23/2015

Signed: [Signature] Lu Dong A&P 3330485



N752KS

Total Time in Service: 454.8

A/C TOTAL TIME : 454.8
ENG TOTAL TIME : 454.8
ENG T.S.M.O.H. : N/A
TACH TIME : 454.8
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 454.8

Piper

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced LMG outboard brake lining with new P/N 066-10500. All work performed IAW the PA-28R-201 Arrow Service 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. Date: 11/10/2015

Signed: [Signature] Charles Doyle A&P 3125891



N752KS

AFTT: 455.0
TACH: 455.0

Updated GPS navigation database, next cycle expires 12/10/2015.

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 11/10/2015

AIRFRAME MAINTENANCE LOG

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.



N752KS

AFTT: 498.4
TACH: 498.4

Updated GPS navigation databases, cycle expires 01/07/2016.

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 12/10/2015



I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service : 498.4

A/C TOTAL TIME : 498.4
ENG TOTAL TIME : 498.4
ENG T.S.M.O.H. : N/A
TACH TIME : 498.4
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 498.4

Piper

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Complied with FAR 91.207 ELT Inspection/Test with no defects noted, battery due date (09/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with A.D 84-26-02 (induction air filter) by replacing filter with new P/N 638876. Complied with S.B. 1156 (drag link bolt/bearing inspection) by visual inspection and replaced bolt with new P/N NAS464P4-27. Complied with Amsafe DTC Inspection/Test with no defects noted. Complied with Standby Attitude Indicator battery capacity test with no defects noted. Replaced CO Detector with new unit, expires 12/2016. Replaced LMG tire with new Goodyear 6.00x6 6 ply tire and repacked wheel bearings. Replaced NLG tire with new Goodyear 5.00x5 6 ply tire and tube with new Goodyear 5.00x5 tube, and repacked wheel bearings. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 12/11/2015

Signed: [Signature] Charles Doyle A&P 3125891 IA

NEW AND SERVICABLE
PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS



N752KS

DA7 AFTT: 524.8
TACH: 524.8

Updated GPS Nav database, cycle expires 02-04-2016.
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. Date: 01/07/2016

Signed: Thomas S. Napoletano A&P 3007727



N752KS

Total Time in Service: 548.0

A/C TOTAL TIME : 548.0
ENG TOTAL TIME : 548.0
ENG T.S.M.O.H. : N/A
TACH TIME : 548.0
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 548.0

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Serviced main gear struts with nitrogen as required. All work performed IAW the PA28R-201 Arrow Service 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. Date: 01/20/2016

Signed: Joshua Eyring A+P 2761827



N752KS

AFTT: 574.6
TACH: 574.6

Updated GPS Nav database, cycle expires 03-03-2016.
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. Date: 02/03/2016

Signed: Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service :597.4

A/C TOTAL TIME : 597.4
ENG TOTAL TIME : 597.4
ENG T.S.M.O.H. : N/A
TACH TIME : 597.4
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 597.4

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Inspected Tanis/Reiff engine preheater operation/condition with no defects noted. Replaced sheared rivet on entry door stop mechanism. Serviced NLG strut with nitrogen. Complied with Garmin S.B. 1520 Rev. B (GDU system software update) by upgrading GDU software to version 7.00. Replaced Pilot's Guide with new P/N 190-00601-02 Rev H and Cockpit Reference Guide with new P/N 190-00601-03 Rev G, IAW S.B. instructions. Updated the G500 Basemap to version 15M1, terrain to version 15T1, and updated the obstacle database. Performed operational check with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 02/29/2016

Signed: Charles Doyle A&P 3125891 IA.



N752KS

AFTT: 599.5
TACH: 599.5

Updated GPS Nav database, cycle expires 03-31-2016.

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. Date: 03/02/2016

Signed: Thomas S. Napoletano A&P 3007727

NEW AND SERVICABLE PARTS TAGS

NEW AND SERVICABLE PARTS TAGS



N752KS

AFTT: 643.0
TACH: 643.0

Updated GPS Nav database, cycle expires 04-28-2016.

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. Date: 03/31/2016

Signed: [Signature] Thomas S. Napoletano A&P 3007727



N752KS

Total Time in Service: 645.9

A/C TOTAL TIME : 645.9
ENG TOTAL TIME : 645.9
ENG T.S.M.O.H. : N/A
TACH TIME : 645.9
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 645.9

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced LMG inboard brake lining with new P/N 066-10500. All work performed IAW the PA28R-201 Arrow Service 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. Date: 04/05/2016

Signed: [Signature] Lu Dong A&P 3330485



I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service : 697.1

A/C TOTAL TIME : 697.1
ENG TOTAL TIME : 697.1
ENG T.S.M.O.H. : N/A
TACH TIME : 697.1
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 697.1

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09-2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Replaced LMG outboard brake lining with new P/N 066-10500. Repacked RMG wheel bearings. Replaced RMG brake linings with two new P/N 066-10500. Installed POH revision #26, #27 and #28. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 04/26/2016

Signed: [Signature] Lu Dong A&P 3330485 IA.



N752KS

AFTT: 702.5
TACH: 702.5

Updated GPS Nav database, cycle expires 05-26-2016.

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. Date: 04/28/2016

Signed: [Signature] Thomas S. Napoletano A&P 3007727



N752KS

AFTT: 702.5
TACH: 702.5

Replaced alternator brush set with new P/N ALE-1013AS. Operations checked with no defects noted. All work performed IAW the PA28R-201 Arrow Service 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. Date: 05/05/2016

Signed: [Signature] Lu Dong A&P 3330485.

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY

N752KS

AFTT: 735.5
TACH: 735.5

Performed troubleshooting related to intermittent inop. starter. Replaced suspected intermittent starter contactor with new Piper P/N 584-460 (Lamar P/N X61-0030). Performed operational check with no further defects noted. All work performed IAW the Piper PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 5/25/2016

Signed: [Signature] Joshua Eyring A+P 2761827.

KENT STATE UNIVERSITY

N752KS

AFTT: 735.5
TACH: 735.5

Updated G500 and GNS 430W aviation databases with an expiration date of 6-23-2016.

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 5/25/2016

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 754.3

A/C TOTAL TIME :	<u>754.3</u>
ENG TOTAL TIME :	<u>754.3</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>754.3</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>754.3</u>

Piper

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced nose gear upstop bumper with new P/N 37970-005. Complied with hydraulic fluid contamination check with no defects noted. All work performed IAW the PA28R-201 Arrow Service 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. Date: 06/06/2016

Signed: [Signature] Lu Dong A&P 3330485

PA28R

KENT STATE UNIVERSITY

N752KS

AFTT: 776.8
TACH: 776.8

Updated GPS Nav database, cycle expires 07-21-2016.

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. Date: 06/23/2016

Signed: [Signature] Thomas S. Napoletano A&P 3007727

KENT STATE UNIVERSITY

N752KS

AFTT: 796.8
TACH: 796.8

Updated GPS Nav database, cycle expires 08-18-2016.

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. Date: 07/21/2016

Signed: [Signature] Thomas S. Napoletano A&P 3007727

PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.



I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service : **796.8**

A/C TOTAL TIME : **796.8**
ENG TOTAL TIME : **796.8**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **796.8**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **796.8**

Complied with an **Annual Inspection**.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Repacked LMG and NLG wheel bearings. Recertified fire extinguisher by visual inspection and weight check with no defects noted. Replaced right aileron cable aft outboard pulley with new P/N 481-614. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: **07/25/2016**

Signed: Charles Doyle A&P 3125891 IA.



N752KS

AFTT: **803.0**
TACH: **803.0**

Replaced suspected intermittent starter contactor with new Piper P/N 584-460 (Lamar P/N X61-0030). Performed operational check with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: **07/28/2016**

Signed: Charles Doyle A&P 3125891

AIRFRAME MAINTENANCE LOG

TACH DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH



N752KS

AFTT: **821.9**
TACH: **821.9**

Updated GPS Nav database, cycle expires 09-15-2016.

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. Date: **08/17/2016**

Signed: Thomas S. Napoletano A&P 3007727



N752KS

AFTT: **830.1**
TACH: **830.1**

Removed Sky-tec starter P/N 149-NL, S/N FN-0615137 and installed a new starter P/N 149-NL (Lycoming P/N 31B23592), S/N FN-1115121 using three new P/N STD-1410 attach nuts and all new lock washers. Performed operational check with no defects noted. All work performed IAW the Piper PA28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: **08/23/2016**

Signed: Joshua Eyring A+P 2761827.



AIRFRAME-PA28R-201

N752KS

Total Time in Service: **846.6**

A/C TOTAL TIME : **846.6**
ENG TOTAL TIME : **846.6**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **846.6**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **846.6**

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

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake line calipers. Interior & exterior airframe inspected for general condition with no defects noted. All work performed IAW the PA28R-201 Arrow Service 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. Date: **09/02/2016**

Signed: Joshua Eyring A+P 2761827

NEW AND SERVICABLE PARTS TAGS

DA



N752KS

AFTT: 865.8
TACH: 865.8

Updated GPS Nav database, cycle expires 10-13-2016.
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. Date: 09/15/2016

Signed: Thomas S. Napoletano A&P 3007727

AIL MFG: UNIV
AIL P/N: 59348D-3
AIL S/N: 504693
A/C N #: N752KS

Steiner Aviation International
5430 Lauby Road, Hangar 17
North Canton, OH 44720
CRS V4NR896Y

Date: 9/29/16
WO #: 10497
T.T.: 896.5
1088 1026.8

THE ALTIMETER/ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO BE SATISFACTORY IN ACCORDANCE WITH FAR 43 APPENDIX "E" STATIC SYSTEM(S) LEAK CHECKED ALTIMETER(S) CERTIFIED BY CRS V4NR896Y TO 20,000 FT., REFER TO ATTACHED MAINTENANCE RELEASE ALTITUDE ENCODING SYSTEM CERTIFIED BY STEINER AVIATION INTERNATIONAL, INC CRS V4NR896Y

THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX "F" AND "E" PARAGRAPH C IF APPLICABLE

#1
TXP MAKE Garmin MODEL GTx330
SERIAL # 84148011 TSO C1664
#2
TXP MAKE / MODEL /
SERIAL # / TSO /
STEINER AVIATION INTERNATIONAL INC
CRS V4NR896Y

SIGNED: hdt
DATE 9-29-16 CERT NO. V4NR896Y
TYPE ANY COMMENTS HERE

MAINTENANCE RELEASE

The aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair shop under

Order Number 10497
9-29-16 Time 896.5

CERTIFIED AIR DATA COMPUTER (S) AS PER FAR 43 APPENDIX "E", (2)

MADE Garmin MOD GDC 74A
#1 S/N 20618707 #2 S/N /
STEINER AVIATION INTERNATIONAL INC CRS V4NR896Y



N752KS

AFTT: 896.5
TACH: 896.5

Removed LH wing as per AMM 57-40-00, complied with Piper S.B. 1276A by installing repair kit P/N 88569-002, conducted wing spar inspection with no defects noted as per AMM 57-10-00, and installed LH wing as per AMM 57-40-00. Operations and leak checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 10/18/2016

Signed: Lu Dong A&P 3330485



I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 896.5

A/C TOTAL TIME : 896.5
ENG TOTAL TIME : 896.5
ENG T.S.M.O.H. : N/A
TACH TIME : 896.5
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 896.5

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Repacked RMG wheel bearings. Replaced NLG up stop bumper pad with new P/N 37970-005. Replaced LMG inboard brake lining with new P/N 066-10500. Updated GPS Nav database, cycle expires 11/10/2016. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 10/19/2016

Signed: Charles Doyle A&P 3125891 IA

NEW AND SERVICABLE PARTS TAGS

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY

N752KS

AFTT: 921.5
TACH: 921.5

Removed fuel/oil/and ammeter gauge cluster from aircraft. Replaced ammeter with new P/N 548-910. Reinstalled gauge cluster back in aircraft. Ran engine and performed leak check of oil pressure sense line with no leaks noted. Ammeter found to function normally. All work performed IAW the Piper PA-28R-201 Arrow Maintenance Manual S/N's 2844001 & Up.

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. Date: 11/02/2016

Signed: [Signature] Joshua Eyring A+P 2761827.

KENT STATE UNIVERSITY

N752KS

AFTT: 933.2
TACH: 933.2

Updated GPS navigation databases and G500 aviation database, cycle expires 12/8/2016.

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 11/9/2016

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 956.1

A/C TOTAL TIME :	<u>956.1</u>
ENG TOTAL TIME :	<u>956.1</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>956.1</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>956.1</u>

Piper

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced LMG outboard brake lining with new P/N 066-10500. Serviced LMG and RMG struts with nitrogen. All work performed IAW the PA28R-201 Arrow Service 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. Date: 11/23/2016

Signed: [Signature] Lu Dong A&P 3330485

PA28R

KENT STATE UNIVERSITY

N752KS

AFTT: 968.7
TACH: 968.7

Replaced left seat lock pin cable with new Piper P/N 554-422. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 12/2/2016

Signed: [Signature] Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N752KS

AFTT: 977.8
TACH: 977.8

Updated GPS Nav database, cycle expires 01-05-2017.

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. Date: 12/08/2016

Signed: [Signature] Thomas S. Napoletano A&P 3007727

PAIRTS TAGS

NEW AND SERVICABLE PARTS TAGS

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.



N752KS

AFTT: 983.9
TACH: 983.9

Removed Gill battery P/N G-35, S/N G02820147. Installed Concorde Battery P/N RG-35AXC, S/N 40827138 in accordance with SA01147WI. Revised aircraft weight & balance and equipment list. For "Instructions for Continued Airworthiness" requirements, refer to Concorde Maintenance Manual Supplement DWG NO. 5-0171 dated 11-2-2015 or latest revision. See form 337 dated 12-16-2016. All work performed IAW the Piper Arrow III Maintenance Manual (S/N 2844001 & Up) and the STC installation instruction.

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. Date: 12/16/2016

Signed: Joshua Eyring A+P 2761827.



N752KS

AFTT: 993.0
TACH: 693.0

Updated GPS Nav database, cycle expires 02-02-2017.

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. Date: 01/03/2017

Signed: Thomas S. Napoletano A&P 3007727

DA



N752KS

AFTT: 993.0
TACH: 993.0

Complied with FAR 91.207 by inspecting and testing ELT on both 121.5 and 406 MHZ by using www.406test.com website. Generated ELT report from website with no defects noted, next due 01/2018. ELT battery expires 09/2021. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 01/06/2017

Signed: Lu Dong A&P 3330485



I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 996.2

A/C TOTAL TIME : 996.2
ENG TOTAL TIME : 996.2
ENG T.S.M.O.H. : N/A
TACH TIME : 996.2
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 996.2

Complied with an Annual Inspection. Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Complied with A.D. 84-26-02 (paper induction air filter) by replacing induction air filter with new P/N 638876, A.D. next due at AFTT of 1496.2. Desludged propeller after propeller removal, and reinstalled this propeller with new O-ring P/N A1633-11. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Repacked NG and LMG wheel bearings. Complied with S.B. 1156 (nose gear draglink bolt and bearings) by replacing one bolt and two bushings with new P/N NAS464P4-27 and P/N 452-800. Complied with Amsafe DTC annual inspection and standby AI battery capacity test with no defects noted. Performed compass swing and calibration, updated compass deviation card. Replaced CO detector with new unit. Replaced oil cooler SCAT hose with new. Replaced RMG inboard and outboard brake linings with two new P/N 066-10500. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 01/20/2017

Signed: Lu Dong A&P 3330485 IA

NEW AND SERVICABLE PARTS TAGS

FOR	N	030	060	E	120	150
STEER	358	027	057	089	118	148
FOR	S	210	240	W	300	330
STEER	179	209	239	269	300	330
DATE	01/20/2017 Radios On					

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY

N752KS

AFTT: 1003.7
TACH: 1003.7

Updated GPS and G500 navigation database, cycle expires 03/02/2017. Updated obstacle databases, SafeTaxi database, Terrain databases, G500 basemap database, and G500 Airport directory.

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 01/30/2017

KENT STATE UNIVERSITY

N752KS

AFTT: 1015.4
TACH: 1015.4

Replaced broken oil door latch with new Piper P/N 472-017. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 02/06/2017

Signed: [Signature] Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N752KS

AFTT: 1040.0
TACH: 1040.0

Replaced electric fuel pump motor with new P/N 761-599 (Weldon P/N 8850-5). Performed operational and leak check with no defects noted. Work performed IAW the Piper PA-28R-201 Arrow (S/N 2844001 and Up) 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. Date: 02/21/2017

Signed: [Signature] Joshua Eyring A+P 2761827.

AIRFRAME MAINTENANCE LOG

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 1046.1

A/C TOTAL TIME :	<u>1046.1</u>
ENG TOTAL TIME :	<u>1046.1</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1046.1</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1046.1</u>

Piper

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced RH landing gear position indicator light bulb with new P/N 330. Reconnected cabin overhead lighting system ground wire. Replaced RMG tire with new P/N Goodyear tire 6.00*6*6 FCIII, and repacked wheel bearings. Repositioned fuel strainer as required. All work performed IAW the PA28R-201 Arrow Service 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. Date: 02/27/2017

Signed: [Signature] Lu Dong A&P 3330485

KENT STATE UNIVERSITY

N752KS

AFTT: 1051.3
TACH: 1051.3

Updated GPS Nav database, cycle expires 03-30-2017.

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. Date: 03/01/2017

Signed: [Signature] Thomas S. Napoletano A&P 3007727

KENT STATE UNIVERSITY

N752KS


AFTT: 1055.6
TACH: 1055.6

Repositioned power reduced warning switch. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 03/08/2017

Signed: [Signature] Lu Dong A&P 3330485

NEW AND SERVICABLE PARTS TAGS

DATE	TACH	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF
		<div style="display: flex; justify-content: space-between;"> <div>  <p>AFTT: <u>1079.5</u> TACH: <u>1079.5</u></p> <p>Updated GPS Nav database, cycle expires 04-27-2017. 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. Date: <u>03/28/2017</u></p> <p>Signed: <u>Thomas S. Napoletano</u> Thomas S. Napoletano A&P 3007727</p> </div> <div>N752KS</div> </div>

MAINTENANCE RELEASE

Part No: F-2-7A Description: HARTZELL GOVERNOR Serial No: _____

was ☒ REPAIRED (describe) Bench checked, replaced relief valve spring and adjusted to specifications

☐ OVERHAULED per the following documents (include revision levels):

- Manuals
- Service Bulletins
- Service Letters
- Service Instructions
- Service Advisories

THIS IS NOT AN OVERHAUL AND CANNOT BE CONSIDERED AS SUCH

The following Airworthiness Directives have been complied with:

A.D.	Method of Compliance	Recurs Date or
N/A		

Time Since New: 1084.3 Time Since Overhaul/Major: N/A

The item(s) identified above were repaired or overhauled (as indicated) and inspected in accordance with current FAA regulations and are approved for return to service. Pertinent details of this repair or overhaul are on file.

his repair station under work order # L28625
Date April 11, 2017 Signed C. Ray Smith
For Repair Station #QV9R194N
SENENICH PROPELLER SERVICE, INC.
519 East Airport Road, Lititz, PA 17543

FORM 004



N752KS

AFTT: 1084.3
TACH: 1084.3

Removed tachometer P/N 2801-0035, S/N 44329, installed a new tachometer P/N SL1010-64003-10-N00, S/N 2284. Removed Hartzell propeller governor P/N F-2-7A, S/N G131WJ and sent to Sensenich propeller service for repair under work order# L28625 dated 04/11/2017, installed this repaired propeller governor and adjusted for 2700 RPM at full throttle static run-up. Replaced propeller governor control cable rod end with new 89307-000. Cleaned and Lubed tachometer drive cable. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 04/18/2017

Signed: Lu Dong Lu Dong A&P 3330485



N752KS

AFTT: 1095.8
TACH: 11.5

Updated GPS Nav database, cycle expires 05-25-2017 and obstacle, safe taxi and airport directory databases. 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. Date: 04/25/2017

Signed: Thomas S. Napoletano Thomas S. Napoletano A&P 3007727

NEW AND SERVICABLE PARTS TAGS

AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK
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KENT STATE
UNIVERSITY

I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **1095.8**

A/C TOTAL TIME :	1095.8
ENG TOTAL TIME :	1095.8
ENG T.S.M.O.H. :	N/A
TACH TIME :	11.5
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	1095.8

Complied with an **Annual Inspection**.
Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Replaced engine oil pressure sense line non-type D hose with new type D hose P/N AE3660001E0130. Replaced non-type D hose from electric fuel pump to servo with new type D hose P/N AE3660061G0133. Replaced front muffler with PMA P/N A67517-00. Replaced #1 cylinder exhaust riser with PMA P/N K67809-00. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: **05/01/2017**

Signed:  Charles Doyle A&P 3125891 IA

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: **1145.4**

A/C TOTAL TIME :	1145.4
ENG TOTAL TIME :	1145.4
ENG T.S.M.O.H. :	N/A
TACH TIME :	61.1
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	1145.4

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

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Cleaned and lubed yoke shafts. Complied with hydraulic fluid contamination check with no defects noted. Replaced LMG tire with new Goodyear 6.00X6X6, tube with new Goodyear 15/6.00X6, brake disc with new P/N 164-02000, and repacked wheel bearings. All work performed IAW the PA28R-201 Arrow Service 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. Date: **05/17/2017**

Signed:  Joshua Eyring A+P 27618267

KENT STATE
UNIVERSITY

N752KS

AFTT: **1152.1**

TACH: **1152.1**

Updated GPS navigation database, cycle expires 06/22/2017.

Signed:  Joshua Eyring A+P 2761827. Date: **05/24/2017**

KENT STATE
UNIVERSITY

N752KS

AFTT: **1195.7**

TACH: **1195.7**

Updated all navigation databases, cycle expires 07/20/2017. Updated all obstacle, SafeTaxi, and Airport Directory databases cycle expires 8/17/2017.

Signed:  Joshua Eyring A+P 2761827. Date: **06/20/2017**

PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 1195.7

A/C TOTAL TIME : 1195.7
ENG TOTAL TIME : 1195.7
ENG T.S.M.O.H. : N/A
TACH TIME : 111.4
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1195.7

Complied with an Annual Inspection. Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Removed starter P/N 149-NL, S/N FN-1115121 and installed new starter P/N 149-NL, S/N FN-331671. Replaced two inboard rivets on oil door latch. Replaced worn NLG lower turn limit placard with new P/N 582-783. Replaced cracked landing light lens with new P/N 68-3971486A-30. Replaced left wing outboard aft aileron cable pulley with new P/N 481-614 and bearing with new P/N 62713-002. Adjusted primary aileron cable tension. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 06/27/2017

Signed: Charles Doyle A&P 3125891 IA

KENT STATE UNIVERSITY

N752KS

AFTT: 1221.1
TACH: 136.8

Found oil door latch to have excessive wear. Replaced oil door latch with new P/N 472-017 using MS20470-4 rivets due to rivet holes being worn in oil door. Applied chafe tape around oil door perimeter recess. Replaced both lower cowling fwd. pin bushings with new McFarlane P/N MC069790-00. All work performed IAW the Piper Arrow Service Manual S/N's 4496001 & Up.

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. Date: 07/11/2017

Signed: Joshua Eyring A+P 2761827.

AIRFRAME MAINTENANCE LOG

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.

KENT STATE UNIVERSITY

N752KS

AFTT: 1236.5
TACH: 1236.5

Updated GPS and G500 navigation databases, cycle expires 08/17/2017.

Signed: Joshua Eyring A+P 2761827. Date: 07/17/2017

KENT STATE UNIVERSITY

AIRFRAME-PA28R-201

N752KS

Total Time in Service: 1255.0

A/C TOTAL TIME : 1255.0
ENG TOTAL TIME : 1255.0
ENG T.S.M.O.H. : N/A
TACH TIME : 00.1
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1255.0

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced both LMG brake linings with new P/N 066-10500. Replaced panel light switch transistor with new P/N 2N3055. Removed tachometer P/N SL1010-64003-10-N00, S/N 2284. Installed new tachometer P/N SL1010-64003-10-N00, S/N 2298. All work performed IAW the PA28R-201 Arrow Service 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. Date: 07/24/2017

Signed: Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N752KS

AFTT: 1272.6
TACH: 17.5

Replaced failed right side recognition lamp with new part number 01-0770110-04. Operations checked with no defects noted. All work performed IAW the PA28R-201 Arrow Service 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. Date: 07/31/2017

Signed: Thomas S. Napoletano A&P 3007727

MAINTENANCE LOG

SERVICABLE TAGS

N752KS

TH
OF

UNIVERSITY

AFTT: 1295.4
TACH: 40.3

Updated GPS Nav database, cycle expires 09-14-2017 and obstacle, safe taxi and airport directory databases.
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. Date: 08/16/2017

Signed: Thomas S. Napoletano A&P 3007727

KENT STATE
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 1295.4

A/C TOTAL TIME : 1295.4
ENG TOTAL TIME : 1295.4
ENG T.S.M.O.H. : N/A
TACH TIME : 40.3
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1295.4

Complied with an Annual Inspection.
Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Removed starter P/N 149-NL, S/N FN-331671 and installed new starter P/N 31B23592 (149-NL), S/N FN-4616113. Repacked NLG wheel bearings, rotated tire for wear and replaced tube with new 5.00x5 tube. Repacked RMG wheel bearings. Replaced right brake inboard ling with new P/N 066-10500. Replaced prop governor rod end with new P/N 89307-000. Tightened both rudder control cable turnbuckles one half turn each and safetied with new clips P/N MS21256-1. Tightened both stabilator control cable turnbuckles one half turn each and safetied with new clips P/N MS21256-1. Performed normal and emergency gear swings with no defects noted. Serviced NLG and RMG with nitrogen. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 09/11/2017

Signed: Charles Doyle A&P 3125891 IA

AIRFRAME MAINTENANCE LOG

DATE TACH OR DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF

KENT STATE
UNIVERSITY

N752KS

AFTT: 1302.5
TACH: 1302.5

Updated GPS Nav database, cycle expires 10-12-2017 and obstacle database.
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. Date: 09/14/2017

Signed: Thomas S. Napoletano A&P 3007727

KENT STATE
UNIVERSITY

N752KS

AFTT: 1,315.6
TACH: 60.5

Replaced broken ELT antenna with new P/N 110-773 IAW the Piper Arrow Service 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. Date: 09/20/2017

Signed: Joshua Eyring A+P 2761827.

KENT STATE
UNIVERSITY

AIRFRAME-PA28R-201
N752KS

Total Time in Service: 1350.2

A/C TOTAL TIME : 1350.2
ENG TOTAL TIME : 1350.2
ENG T.S.M.O.H. : N/A
TACH TIME : 95.1
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1350.2

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced right outboard brake lining with new P/N 066-10500. All work performed IAW the PA28R-201 Arrow Service 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. Date: 09/29/2017

Signed: Charles Doyle A&P 3125891

PAKIS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY

N752KS

AFTT: 1,359.3
TACH: 104.2

Inspected aircraft landing gear and attach structures for damage related to hard landing. Inspected engine mount and wing attach fittings with no defects noted. Performed multiple normal and emergency gear swings with no defects noted. Secured loose cabin door lock jamb nut. Work performed IAW the Piper Arrow Maintenance Manual (S/N 2844001 & Up).

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. Date: 10/5/2017

Signed: [Signature] Joshua Eyring A+P 2761827.

KENT STATE UNIVERSITY

N752KS

AFTT: 1371.1
TACH: 1371.1

Updated GPS Nav database, cycle expires 11-9-2017 and obstacle, airport and taxi databases expire 12-7-17. 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. Date: 10/11/2017

Signed: [Signature] Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY

N752KS

AFTT: 1395.0
TACH: 1395.0

Updated GPS navigation databases, cycle expires 12/7/2017

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 11/6/2017

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 1395.0

A/C TOTAL TIME :	<u>1395.0</u>
ENG TOTAL TIME :	<u>1395.0</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>139.9</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1395.0</u>

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (09/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Removed standby battery P/N 9015607, S/N K14-10855 and installed new standby battery P/N 9015607, S/N L17-10246. Replaced left and right outboard aileron pulleys with new Piper P/N 481-614. Replaced landing light lens with new P/N 68-3971486A-30. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 12/4/2017

Signed: [Signature] Charles Doyle A&P 3125891 IA

NEW AND SERVICABLE PARTS TAGS

FAITHNESS APPROVAL
an FAA/TSO Authorization

10. Serial Number:
L17-10246

1400 E 34th Street N.
Methia, KS 67226-2615
e 3738CE, PQ3738CE, OL2R061L

FAITHNESS APPROVAL TAG
ASE CERTIFICATE

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.

KENT STATE UNIVERSITY

N752KS

AFTT: 1401.6
TACH: 146.5

Replaced sheared rivet in cabin door hold assembly with an AD 4 rivet. Replaced one each neoprene washer on cabin end of door hold assembly with new Piper P/N 494-126. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 12/7/2017

Signed: Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N752KS

AFTT: 1401.6
TACH: 146.5

Updated GPS and G500 navigation databases, cycle expires 01/04/2018. Updated Obstacle, Safe Taxi, and Airport Director databases, which expire 2-1-2018.

Signed: Joshua Eyring A+P 2761827. Date: 12/6/2017

KENT STATE UNIVERSITY

N752KS

AFTT: 1425.6
TACH: 170.5

Updated GPS Nav database, cycle expires 02-01-2018.
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. Date: 01/02/2018

Signed: Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.

KENT STATE UNIVERSITY

N752KS

AFTT: 1432.9
TACH: 177.8

Complied with Piper S.B. 1309 (fuel tank selector placards inspection) with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 01/16/2018

Signed: Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

AIRFRAME-PA28R-201

N752KS

Total Time in Service: 1451.4

A/C TOTAL TIME : 1451.4
ENG TOTAL TIME : 1451.4
ENG T.S.M.O.H. : N/A
TACH TIME : 196.3
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1451.4

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Complied with Amsafe DTC annual inspection with no defect noted. Replaced propeller control rod end with new part number 89307-000 and verified rpm during runup. Replaced lower air filter box lock stud with new part number 487-723. All work performed IAW the PA28R-201 Arrow Service 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. Date: 01/29/2018

Signed: Thomas S. Napoletano A&P 3007727

NEW AND SERVICABLE PARTS TAGS

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE
UNIVERSITY

N752KS

AFTT: 1451.4
TACH: 1451.4

Removed ME406 ELT P/N 453-6603, S/N 242-01943 (HEX ID# ADCC401E5C003C9) due to inop. G-switch. Installed a new ME406 ELT P/N 453-6603, S/N 242-06160 (HEX ID# ADCC406040003C9). Replacement ELT battery expires **4-30-2025**. Complied with **FAR 91.207** by inspecting and testing ELT for operation. Verified 406 MHZ operation by using 406test.com website and printed verification report. FAR 91.207 next due by **1/31/2019**. Work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: **1/31/2018**

Signed: _____ Joshua Eyring A+P 2761827.

KENT STATE
UNIVERSITY

N752KS

AFTT: 1451.7
TACH: 196.6

Updated GPS Nav database, cycle expires 03-01-2018 and Obstacle and Safe Taxi, cycle expires 03-29-2018. 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. Date: **01/02/2018**

Signed: _____ Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE
UNIVERSITY

N752KS

AFTT: 1489.8
TACH: 234.7

Updated GPS and G500 navigation databases, cycle expires 3/29/2018.

Signed: _____ Joshua Eyring A+P 2761827. Date: **2/27/2018**

KENT STATE
UNIVERSITY

A/C TOTAL TIME :	<u>1495.1</u>
ENG TOTAL TIME :	<u>1495.1</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>240.0</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1495.1</u>

I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service : 1495.1

Complied with an **Annual Inspection**.

Serviced hydraulic systems, battery, and tires. Complied with **A.D. 84-26-02** (induction air filter) by replacement with new filter P/N 638876, next due AFTT **1995.1**. Complied with **S.B. 1156** (NLG draggling bolt/bearings) by replacing bolt with new P/N NAS464P4-27 and both bearings with new Piper P/N 452-800, next due AFTT **1995.1**. Complied with **S.B. 1313** (stab trim cable pulley bracket) by visual inspection with no defects noted. Complied with hydraulic fluid contamination check by visual inspection with no defects noted. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (**04/2025**). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Cleaned and repacked LMG and RMG wheel bearings. Replaced RMG brake disc with new P/N 164-02000. Replaced nose tire with new Goodyear 5.00x5 FCIII 6 ply tire and new 5.00x5 tube. Replaced both middle stabilator control cable pulleys with new P/N 62711-003. Replaced alternator brushes with a new set P/N ALE-1013AS. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.


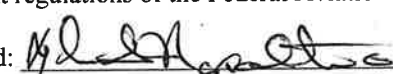
The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **03/05/2018**

Signed: _____ Charles Doyle A&P 3125891 IA

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

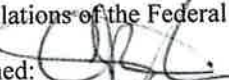
NEW AND SERVICABLE PARTS TAGS


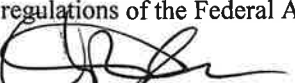
 <p>KENT STATE UNIVERSITY</p> <p>AFTT: <u>1542.4</u> TACH: <u>287.3</u></p> <p>Updated GPS Nav database, cycle expires 04-26-18 and Obstacle, Airport and Safe Taxi, cycle expires 05-24-18. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: <u>03/27/2018</u></p> <p>Signed:  Thomas S. Napoletano A&P 3007727</p>	<p>N752KS</p>
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 <p>KENT STATE UNIVERSITY</p> <p>AIRFRAME-PA28R-201</p> <p>N752KS</p> <p>Total Time in Service: <u>1542.4</u></p>	<p>A/C TOTAL TIME : <u>1542.4</u> ENG TOTAL TIME : <u>1542.4</u> ENG T.S.M.O.H. : <u>N/A</u> TACH TIME : <u>287.3</u> PROP T.S.M.O.H. : <u>N/A</u> PROP TOTAL TIME : <u>1542.4</u></p>
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Complied with, 50HR INSPECTION CHECK LIST.
Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Complied with hydraulic fluid contamination check with no defects noted. Installed POH revision VB-1612 Revision 30 (PR180223) dated 2/23/2018. Replaced two each studs on induction air box cover with new Piper P/N 487-723. Replaced both LMG brake linings with new P/N 066-10500. All work performed IAW the PA28R-201 Arrow Service Manual.


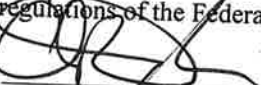
The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 03/29/2018



Signed:  Charles Doyle A&P 3125891


 <p>KENT STATE UNIVERSITY</p> <p>AFTT: <u>1563.9</u> TACH: <u>308.8</u></p> <p>Verified compliance with A.D. 2018-02-05 and A.D. 2018-07-03 by previous compliance with Piper S.B.1309 (fuel selector placards) on 1/16/2018 at AFTT <u>1432.9</u>. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).</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. Date: <u>04/09/2018</u></p> <p>Signed:  Charles Doyle A&P 3125891</p>	<p>N752KS</p>
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AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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 <p>KENT STATE UNIVERSITY</p> <p>AFTT: <u>1584.0</u> TACH: <u>328.9</u></p> <p>Repaired broken alternator field wire at fuse holder. Replaced right main tire with new Goodyear 6.00x6 FCIII 6 ply tire, replaced tube with new P/N G15/6.00x6, cleaned and repacked wheel bearings. Replaced neoprene washer at airframe side of the door hold open assembly with new Piper P/N 494-126. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).</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. Date: <u>04/23/2018</u></p> <p>Signed:  Charles Doyle A&P 3125891</p>	<p>N752KS</p>
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 <p>KENT STATE UNIVERSITY</p> <p>AFTT: <u>1587.2</u> TACH: <u>332.1</u></p> <p>Updated GPS Nav database, cycle expires 05-24-2018. 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. Date: <u>04/25/2018</u></p> <p>Signed:  Thomas S. Napoletano A&P 3007727</p>	<p>N752KS</p>
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 <p>KENT STATE UNIVERSITY</p> <p>I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an <u>Annual Inspection</u> and was found to be in an airworthy condition.</p> <p>Time in Service : <u>1594.5</u></p>	<p>A/C TOTAL TIME : <u>1594.5</u> ENG TOTAL TIME : <u>1594.5</u> ENG T.S.M.O.H. : <u>N/A</u> TACH TIME : <u>339.4</u> PROP T.S.M.O.H. : <u>N/A</u> PROP TOTAL TIME : <u>1594.5</u></p>
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Complied with an Annual Inspection.
Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04-2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Replaced RH outboard aileron control cable pulley with new P/N 481-614. Replaced RMG outboard brake lining with new P/N 066-10500. Replaced propeller control rod end with new P/N 89307-000 and verified rpm during post inspection runup. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 05/11/2018

Signed:  Lu Dong A&P 3330485 IA

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE
UNIVERSITY

N752KS

AFTT: 1607.4
TACH: 352.3

Updated GPS navigation database, cycle expires 6/21/2018. Updated Obstacle, safetaxi, and airport directory databases, cycle expires 7/19/2018.

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 5/22/2018

KENT STATE
UNIVERSITY

N752KS

AFTT: 1635.7
TACH: 380.6

Replaced broken right cabin floor trim cover with new P/N H65674-15. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 6/5/2018

Signed: [Signature] Sarah Boyd A&P 3762407

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 1643.6

A/C TOTAL TIME :	<u>1643.6</u>
ENG TOTAL TIME :	<u>1643.6</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>388.5</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1643.6</u>

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Recertified aircraft fire extinguisher by inspecting and weight check with no defects noted. Cleaned and lubed engine controls. All work performed IAW the PA28R-201 Arrow Service 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. Date: 06/13/2018

Signed: [Signature] Charles Doyle A&P 3125891

KENT STATE
UNIVERSITY

N752KS

AFTT: 1647.9
TACH: 392.8

Replaced pilot seat height adjustment spring with new Piper P/N 587-404. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 06/19/2018

Signed: [Signature] Charles Doyle A&P 3125891

KENT STATE
UNIVERSITY

N752KS

AFTT: 1648.7
TACH: 393.6

Updated GPS Nav database, cycle expires 07-19-2018.

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. Date: 06/20/2018

Signed: [Signature] Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY

N752KS

AFTT: 1678.0
TACH: 422.9

Installed Piper Pilot's Operating Handbook Revision 29 dated January 11, 2018. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 07/10/2018

Signed: [Signature] Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N752KS

AFTT: 1682.4
TACH: 427.3

Removed lift detector Piper P/N 450-742, S/N 157374-25. Installed new lift detector Piper P/N 450-742, S/N 163150A-04. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 07/16/2018

Signed: [Signature] Charles Doyle A&P 3125891

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY

N752KS

AFTT: 1689.8
TACH: 434.7

Updated GPS Nav database, cycle expires 08-16-18 and Obstacle, Airport and Safe Taxi, cycle expires 09-13-18. 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. Date: 07/18/2018

Signed: [Signature] Thomas S. Napoletano A&P 3007727

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 1694.3

A/C TOTAL TIME :	<u>1694.3</u>
ENG TOTAL TIME :	<u>N/A</u>
ENG T.S.M.O.H. :	<u>1694.3</u>
TACH TIME :	<u>439.2</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1694.3</u>

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04/2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Replaced forward muffler with new PMA P/N A67517-00. Replaced pitot head with new P/N 96393-006. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 07/26/2018

Signed: [Signature] Charles Doyle A&P 3125891 IA

NEW AND SERVICE PARTS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

KENT STATE UNIVERSITY

N752KS

AFTT: 1706.1
TACH: 451.0

Cleaned brush holder and replaced alternator brush set with new part number ALE-1013AS. Inspected and tested for short circuit on field lead with no defect found. Operations checked with no defects noted. All work performed IAW the PA28R-201 Arrow Service 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. Date: 07/31/2018

Signed: Thomas S. Napoletano Thomas S. Napoletano A&P 3007727

KENT STATE UNIVERSITY

N752KS

AFTT: 1735.2
TACH: 480.1

Replaced LMG tire and inner tube with new P/N Goodyear tire 6.00*6*6 FCIII and P/N G15/6.00*6. Replaced LMG brake linings with two new P/N 066-10500. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 08/12/2018

Signed: Lu Dong Lu Dong A&P 3330485

AIRFRAME MAINTENANCE LOG

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 1744.1

A/C TOTAL TIME : 1744.1
ENG TOTAL TIME : 1744.1
ENG T.S.M.O.H. : N/A
TACH TIME : 489.0
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1744.1

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Complied with Piper S.B. 1242 by visual inspection with no defects noted. Updated Nav databases, cycle expires 9/13/2018. All work performed IAW the PA28R-201 Arrow Service 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. Date: 08/15/2018

Signed: Charles Doyle Charles Doyle A&P 3125891

AIR MFG: Garmin Steiner Aviation International Date: 8/21/18
AIR P/N: GTX330 5430 Lauby Road, Hangar 17 WO #: 11817
AIR S/N: 20618707 North Canton, OH 44720 T.T.:
A/C N #: N752KS CRS V4NR896Y T.L.:

THE ALTIMETER/ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO BE SATISFACTORY IN ACCORDANCE WITH FAR 43 APPENDIX "E" STATIC SYSTEM(S) LEAK CHECKED ✓
ALTIMETER(S) CERTIFIED BY CRS V4NR896Y TO 20,000 FT., REFER TO ATTACHED MAINTENANCE RELEASE ALTITUDEENCODING SYSTEM CERTIFIED BY STEINER AVIATION INTERNATIONAL, INC. CRS V4NR896Y

SIGNED: KD
DATE: 8/21/18 CERT NO. V4NR896Y
TYPE ANY COMMENTS HERE

THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX "F" AND "E" PARAGRAPH C IF APPLICABLE
#1 TXP MAKE Garmin MODEL GTX330
SERIAL # 84145011 TSO C112
#2 TXP MAKE 11 MODEL 11
SERIAL # 11 TSO 11
STEINER AVIATION INTERNATIONAL INC
CRS V4NR896Y

MAINTENANCE RELEASE
The aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under
Work Order Number: 11817 CERTIFIED AIRCRAFT DATA COMPUTER (S) AS PER FAR 43 APPENDIX "E", (2)
Date: 8/21/18 Time: 11:50
Signed: KD MAKE 11 MOD. 11
STEINER AVIATION INTERNATIONAL INC CRS V4NR896Y #1 S/N 11 #2 S/N 11

NEW AND SERVICABLE PARTS TAGS

ALTIMETER SCALE
Ion Card
Pilot

RD EFT.	ALTIMETER READING	STANDARD ALTITUDE FT.	ALTIMETER READING
14000	14000	14000	14000
16000	16000	16000	16000
18000	18000	18000	18000
20000	20000	20000	20000
22000	22000	22000	22000
24000	24000	24000	24000
26000	26000	26000	26000
28000	28000	28000	28000
30000	30000	30000	30000
32000	32000	32000	32000
34000	34000	34000	34000
36000	36000	36000	36000
38000	38000	38000	38000
40000	40000	40000	40000
42000	42000	42000	42000
44000	44000	44000	44000
46000	46000	46000	46000
48000	48000	48000	48000
50000	50000	50000	50000
52000	52000	52000	52000
54000	54000	54000	54000
56000	56000	56000	56000

DATE: 8/21/18 SIGNED: KD

FITS AN5800 HOLDER
P/N 22628
DATE: 8/21/18 SIGNED: KD

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS



I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **1793.7**

A/C TOTAL TIME : **1793.7**
ENG TOTAL TIME : **1793.7**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **538.6**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1793.7**

Complied with an **Annual Inspection**.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04/2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Complied with **Piper S.B. 1242** (rudder bar inspection) by visual inspection with no defects noted. Cleaned and repacked nose and right main wheel bearings. Replaced nose wheel axle nut clevis pin with new P/N MS20393-1C19. Replaced left and right aileron aft cable outboard pulleys with new Piper P/N 481-614. Replaced cabin heat shroud intake duct with new Piper P/N 565-447. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: **09/10/2018**

Signed: Charles Doyle A&P 3125891 IA



N752KS

AFTT: **1794.9**
TACH: **539.8**

Updated GPS Nav database, cycle expires 10-11-18 and Obstacle, Airport and Safe Taxi, cycle expires 11-08-18. 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. Date: **09/11/2018**

Signed: Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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N752KS

AFTT: **1825.2**
TACH: **570.1**

Replaced broken seat track lock pin cable on the right seat with new Piper P/N 554-422. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: **09/21/2018**

Signed: Charles Doyle A&P 3125891



N752KS

AFTT: **1827.7**
TACH: **572.6**

Serviced all three landing gear struts with nitrogen. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: **09/26/2018**

Signed: Lu Dong A&P 3330485



N752KS

AFTT: **1831.3**
TACH: **576.2**

Replaced LMG downlock switch with new P/N 36742-014 due to intermittent internal switch contact causing LMG green landing light to flicker. Spliced in a 3 inch piece of 22 gauge wire at the center switch terminal due to wear. Adjusted switch and inspected LMG downlocks for proper engagement. Performed normal and emergency gear swings with no further defects noted. All work performed IAW the Piper PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 and up).

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. Date: **10/2/2018**

Signed: Joshua Eyring A+P 2761827.

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE
UNIVERSITY

N752KS

AFTT: 1843.8
TACH: 588.7

Updated GPS navigation databases, cycle expires 11/8/2018.

Signed: _____ Joshua Eyring A+P 2761827. Date: 10/11/2018

KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 1847.9

A/C TOTAL TIME :	<u>1847.9</u>
ENG TOTAL TIME :	<u>1847.9</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>592.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1847.9</u>

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition. Adjusted reduced power gear warning switch as required. Replaced both RMG brake linings with new P/N 066-10500 using 105-00200 rivets. Removed left front seat and reinstalled roll pin at left front vertical adjust torque tube to arm attachment. Reinstalled seat back in aircraft. Secured roll pin using safety wire. All work performed IAW the PA28R-201 Arrow Service 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. Date: 10/15/2018

Signed: _____ Joshua Eyring A+P 2761827

DATE

KENT STATE
UNIVERSITY

N752KS

AFTT: 1850.3
TACH: 595.2

Found broken wire on LH main gear down lock switch, repaired broken wire as required. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 10/16/2018

Signed: _____ Lu Dong A&P 3330485

KENT STATE
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service : 1892.9

A/C TOTAL TIME :	<u>1892.9</u>
ENG TOTAL TIME :	<u>1892.9</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>637.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1892.9</u>

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04/2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Complied with Piper S.B 1242 (rudder bar assembly insp) with no defects noted. Complied with Piper S.B 1331 (stab idler arm insp) with no defects noted. Complied with Standby Attitude Indicator battery capacity check with no defects noted, next due AFTT 1992.9. Replaced left stab pulley under rear floor with new Piper P/N 481-614. Replaced left aileron outboard pulley with new P/N 62711-003. Replaced cabin heat shroud intake duct with new Piper P/N 565-447. Updated GPS Nav database, cycle expires 12/6/2018 and obstacle, safe taxi and airport directory database, cycle expires 1/3/2019. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 11/05/2018

Signed: _____ Charles Doyle A&P 3125891 IA

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE
UNIVERSITY

N752KS

AFTT: 1910.6
TACH: 655.5

Updated GPS Nav database, cycle expires 01-03-2019.
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. Date: 12/04/2018

Signed: Thomas S. Napoletano Thomas S. Napoletano A&P 3007727

KENT STATE
UNIVERSITY

N752KS

AFTT: 1942.8
TACH: 687.7

Updated GPS Nav database, cycle expires 01-31-19 and Obstacle, Airport and Safe Taxi, cycle expires 02-28-19.
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. Date: 01/02/2019

Signed: Thomas S. Napoletano Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 1942.8

A/C TOTAL TIME : 1942.8
ENG TOTAL TIME : 1942.8
ENG T.S.M.O.H. : N/A
TACH TIME : 687.7
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 0.0

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Complied with FAR 91.207 (ELT Insp/Test) with no defects noted. Complied with STC SA02555CH, Sutton Scimitar Propeller Conversion, by removing McCauley Propeller Model B2D34C213-B, S/N 140218 and installed Hartzell propeller Model HC-C2YR-1BFP/F749, S/N NS4170B IAW Professional Pilots Inc. installation instructions #SUTN2801 dated November 12, 2007. Updated aircraft weight and balance. Complied with hydraulic fluid contamination check with no defects noted. Complied with compass swing/calibration and updated deviation card. Complied with AMSAFE DTC Inspection/Check with no defects noted. All work performed IAW the PA28R-201 Arrow Service 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. Date: 01/03/2019

Signed: Charles Doyle Charles Doyle A&P 3125891

KENT STATE
UNIVERSITY

N752KS

AFTT: 1942.8
TACH: 687.7

Performed check flight of new propeller with no defects noted. Installed Sutton Scimitar Propeller POH supplement in the aircraft POH. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 01/03/2019

Signed: Charles Doyle Charles Doyle A&P 3125891

NEW AND SERVICABLE PARTS TAGS

FOR	N	030	060	E	120	150
STEER	359	027	057	089	120	149
FOR	S	210	240	W	300	330
STEER	179	208	239	269	301	330
DATE	01/03/2019					Radlos On

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

KENT STATE
UNIVERSITY

N752KS

AFTT: 1960.3
TACH: 705.2

Replaced 6 inches of faulty sense wire with 20 AWG wire and 1 environmental splice and re-soldered wire to fuse holder. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 1/14/2019

Signed: *Sarah Boyd* Sarah Boyd A&P 3762407

KENT STATE
UNIVERSITY

N752KS

AFTT: 1968.3
TACH: 713.2

Updated GPS Nav databases, cycle expires 2/28/2019

Signed: *Charles Doyle* Charles Doyle A&P 3125891

Date: 02/01/2019

AIRFRAME MAINTENANCE LOG

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.

KENT STATE
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 1991.8

A/C TOTAL TIME : 1991.8
ENG TOTAL TIME : 1991.8
ENG T.S.M.O.H. : N/A
TACH TIME : 736.7
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 49.0

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04/2025). Complied with A.D. 84-26-02 (induction air filter) by replacing filter with new P/N 638876, next due AFTT 2491.8. Complied with S.B. 1156 (nose gear draglink bolt) by replacement of bolt with new P/N NAS464P4-27 and replacement of both bushings with new Piper P/N 452-800, next due AFTT 2491.8. Complied with S.B. 1242 (rudder bar inspection) by visual inspection with no defects noted. Complied with S.B. 1244A (aft wing attach fitting) by visual inspection with no defects noted, next due AFTT 3991.8. Complied with detailed cabin interior inspection by borescope with no defects noted, next due AFTT 3991.8. Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Cleaned and repacked nose, left and right main wheel bearings. Replaced left main inboard and outboard brake linings with new P/N 066-10500. Replaced CO detector with new unit, expires 02/2020. Replaced aft muffler with new PMA P/N A67517-00. Replaced #3 exhaust riser with new PMA P/N A67812-00. Replaced alternate air airbox with new P/N 99047-00. Replaced right aileron aft cable outboard pulley with new Piper P/N 481-614. Adjusted stab trim cable tension by increasing two turns on each turnbuckle and safetied with new clips P/N MS21256-1. Serviced right main strut with nitrogen. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 02/26/2019

Signed: *Charles Doyle* Charles Doyle A&P 3125891 IA

KENT STATE
UNIVERSITY

N752KS

AFTT: 1991.8
TACH: 736.7

Updated GPS Nav database, cycle expires 03-28-19 and Obstacle, Airport and Safe Taxi, cycle expires 04-25-19. 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. Date: 02/26/2019

Signed: *Thomas S. Napoletano* Thomas S. Napoletano A&P 3007727

PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY

N752KS

AFTT: 2,021.2
TACH: 766.1

Removed GDU 620 display and removed both cooling fans from outer case. Cleaned fans with shop air. Bench tested cooling fan #1 (left outboard fan) with power supply and found to now function normally. Reinstalled cooling fans back in GDU 620 and installed GDU620 back in aircraft. Performed multiple power cycles of G500 and found both cooling fans to now function properly. Work performed IAW the Piper Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 03/11/2019

Signed: [Signature] Joshua Eyring A+P 2761827.

KENT STATE UNIVERSITY

N752KS

AFTT: 2040.4
TACH: 2040.4

Updated GPS navigation database, cycle expires 4/25/2019.

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 3/25/2019

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 2045.1

A/C TOTAL TIME :	<u>2045.1</u>
ENG TOTAL TIME :	<u>2045.1</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>790.0</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>102.3</u>

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced left main landing gear downlock switch with new P/N 36742-014. Performed normal and emergency gear operation checks with no defects. All work performed IAW the PA28R-201 Arrow Service 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. Date: 03/28/2019

Signed: [Signature] Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 2091.6

A/C TOTAL TIME :	<u>2091.6</u>
ENG TOTAL TIME :	<u>2091.6</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>836.5</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>148.8</u>

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04/2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Performed normal and emergency gear swings with no defects noted. Replaced right and left aileron outboard pulleys with new P/N 481-614. Replaced the left fwd stabilator pulley with new P/N 62711-003. Replaced the alternator brushes with new P/N ALE-1013AS. Installed new POH revision #31. Replaced the fwd muffler with new P/N PIM0004 and clamp P/N A63243-002. Replaced the G500 cooling fan assembly with new P/N K00-00683-10. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 5/10/2019

Signed: [Signature] Sarah Boyd A&P 3762407 IA

PARTS TAGS

It is important to understand that the existence of this document alone does not automatically constitute approval of the work performed. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine work. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft engine work must be performed in accordance with the regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14)

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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N752KS

AFTT: 2,091.9
TACH: 836.8

Ran aircraft for issue related to alternator light coming on. Was able to duplicate issue, found alternator to be charging electrical system normally with alt out light on. Removed alternator inop. Switch P/N A-00258-1, S/N 80L3304 and replaced with a new switch P/N A-00258-1, S/N 80P70323. Updated G500 and GNS 430W navigation databases, EXP 5-23-2019. Updated GNS430W Obstacle databases, EXP 6-20-2019. Updated G500 Obstacle, Safetaxi, and Airport Directory EXP 6-20-2019. Updated G500 basemap to version 19M1. Ran aircraft, all charging system indication now indicate normal. Work performed IAW the Piper Arrow III Service Manual (S/N 2844001 & Up).

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. Date: 5/13/2019

Signed: [Signature] Joshua Eyring A+P 2761827.

MFG	Piper	Steiner Aviation International, Inc.	DATE	21/May/2019
MODEL	PA 28R-201	5430 Lauby Rd.	WO #	12063
A/C S/N	2844154	North Canton, Ohio 44720	T.T.	2406.1
A/C N #	N752KS	CRS V4NR896Y	T.L.	N/A
		Airframe Logbook Entry		

Removed the existing Garmin GTX 330 transponder. Installed a new Garmin GTX 345 P/N 011-03302-00 S/N 3EG026704. The GTX 345 is connected to the GNS 430W for WAAS GPS position and display, G500 MFD for ADS-B display audio system. For traffic alert the existing encoder for pressure altitude input, and the existing transponder antenna. The installation was completed as per Garmin STC # SA01714WI, STC IM P/N 190-00734-10 Rev. 12 dated Mar. 31, 2019 and AC 43.13-1B and AC 43.13-2B as applicable. The system was tested as per the config/Checkout procedures section of the Garmin IM and 14 CFR Part 43, Appendix E and F as applicable. The system was found to perform all of its intended functions and not interfere with the operation of any other system in the aircraft. Updated the weight and balance and equipment list as required. The GTX 345 pilot guide P/N 190-01499-00 Rev. C Aug. 31, 2017 and AFMS P/N 190-00734-15 Rev. 3 Nov 30, 2017 and ICA P/N 190-00734-11 Rev. 6 Nov 30, 2017 were placed in the aircraft and should be in the aircraft available to the pilot at all times. This installation complies with 14 CFR 91.227 ADS-B compliance.

MAINTENANCE RELEASE

The aircraft or appliance identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under

Work Order Number 12063
DATE 21/May/2019 Time 2406.1
Signed [Signature]
Steiner Aviation International, Inc. V4NR896Y
5430 Lauby Rd. North Canton, Ohio 44720

AIRFRAME MAINTENANCE

MFG	Piper	Steiner Aviation International, Inc.	DATE	21/May/2019
MODEL	PA 28R-201	5430 Lauby Rd.	WO #	12063
A/C S/N	2844154	North Canton, Ohio 44720	T.T.	2406.1 Hobbs
A/C N #	N752KS	CRS V4NR896Y	T.L.	N/A
		Airframe Logbook Entry		

Removed the existing Mid Continent P/N 4300-411 S/N M14-10685 Standby Horizon and Mid Continent P/N 9015607 S/N C17-102464 back up Battery. Installed new Garmin G5 instrument P/N 011-03809-00 S/N 4JQ028073 with P/N 011-03893-00 battery pack. The display was connected to the existing pitot static system. The installation was completed as per the Garmin G5 STC # SA01818WI, STC installation manual P/N 190-01112-10 Rev. 14 dated 6/30/2018, AC 43.13-1B and AC 43.13-2B as applicable. Completed tests to ensure the System performs its intended functions and does not interfere with the operation of any other system in the aircraft. Placed AFMS P/N 190-01112-13 in the aircraft where it must remain at all times. Placed the ICA P/N 190-01112-11 in the maintenance records. The aircraft was weighed after the installation and the equipment list was updated. Completed FAA Form 337 this date.

MAINTENANCE RELEASE

The aircraft or appliance identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under

Work Order Number 12063
DATE 21/May/2019 Time 2406.1 Hobbs Time
Signed [Signature]
Steiner Aviation International, Inc. V4NR896Y
5430 Lauby Rd. North Canton, Ohio 44720

MFG	Piper	Steiner Aviation International, Inc.	DATE	21/May/2019
MODEL	PA 28R-201	5430 Lauby Rd.	WO #	12063
A/C S/N	2844154	North Canton, Ohio 44720	T.T.	2406.1 Hobbs
A/C N #	N752KS	CRS V4NR896Y	T.L.	N/A
		Airframe Logbook Entry		

Complied with Garmin GNS 430W software service bulletin No. 1766 Rev A dated December 7, 2017 to upgrade the #1 and #2 Garmin GNS 430W units to Main Software version 5.4, as per the instructions contained in the software service bulletin. All post upgrade tests are within Tolerance at this time. Complied with Garmin G500 software service bulletin No. 1911 Rev A dated April 24, 2019 to upgrade the Garmin GDU 620 display to software Version 7.36, as per the instructions contained in the software service bulletin. All post upgrade tests are within tolerance at this time.

MAINTENANCE RELEASE

The aircraft or appliance identified above was repaired and / or inspected in accordance with current regulations of the Federal Aviation agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under

Work Order Number 12063
DATE 21/May/2019 Time 2406.1 Hobbs Time
Signed [Signature]
Steiner Aviation International, Inc. V4NR896Y
5430 Lauby Rd. North Canton, Ohio 44720

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY

N752KS

AFTT: 2105.1
TACH: 850.1

Performed post off field maintenance inspection of aircraft after ADS-B upgrade. Updated both GNS430W navigation databases with an expiration of 6-20-2019. No defects noted at this time. All work performed IAW the Piper Arrow (S/N's 2844001 & Up) Service 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. Date: 05/24/2019

Signed: [Signature] Joshua Eyring A+P 2761827.

KENT STATE UNIVERSITY

N752KS

AFTT: 2125.9
TACH: 870.8

Updated GPS navigation database, cycle expires 7/18/2019 and obstacle, airport directory, safe taxi, cycle expires 8/15/2019.

Signed: [Signature] Charles Doyle A&P 3125891 Date: 06/18/2019

AIRFRAME MAINTENANCE LOG

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N752KS
Total Time in Service: 2147.7

A/C TOTAL TIME :	<u>2147.7</u>
ENG TOTAL TIME :	<u>2147.7</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>892.6</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>204.9</u>

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Complied with the fire extinguisher recertification by inspecting and weighing with no defects noted. Serviced the main gear struts with nitrogen. All work performed IAW the PA28R-201 Arrow Service 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. Date: 6/28/2019

Signed: [Signature] Sarah Boyd A&P 3762407

KENT STATE UNIVERSITY

N752KS

AFTT: 2171.7
TACH: 916.6

Updated GPS Nav database, cycle expires 08-15-2019.

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. Date: 07/17/2019

Signed: [Signature] Thomas S. Napoletano A&P 3007727

KENT STATE UNIVERSITY

N752KS

AFTT: 2191.5
TACH: 936.4

Updated GPS Nav database, cycle expires 09/12/19 and Obstacle, Airport and Safe Taxi, cycle expires 10-10-19. 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. Date: 08/14/2019

Signed: [Signature] Thomas S. Napoletano A&P 3007727

NEW AND SERVICABLE
PARTS TAGS

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK

KENT STATE
UNIVERSITY

N752KS

AFTT: 2191.5
TACH: 936.4

Updated GPS Nav database, cycle expires 10-10-2019.
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. Date: 09/12/2019

Signed: Thomas S. Napoletano A&P 3007727

KENT STATE
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 2191.5

A/C TOTAL TIME : 2191.5
ENG TOTAL TIME : 2191.5
ENG T.S.M.O.H. : N/A
TACH TIME : 936.4
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 248.7

Complied with an Annual Inspection.
Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04/2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Performed normal and emergency gear swings with no defects noted. Cleaned and repacked left main wheel bearings. Replaced right main tire with new Goodyear 6.00x6 FCIII 6 ply tire, cleaned and repacked wheel bearings. Rotated nose tire for wear, cleaned and repacked wheel bearings. Replaced both right main brake linings with new P/N 066-10500. Replaced upper cabin door exterior latch handle with new P/N 464-029. Serviced both main struts with nitrogen. Replaced cabin door lock with new P/N PA28CDL and baggage door lock with new P/N PA28BDE, key code for both is 8MA005890DW. Replaced landing light lens with new P/N 68-3971486A-30. Replaced cabin heat shroud inlet duct with new P/N 565-447. Replaced oil door hinge with new P/N 65291-003. Replaced left and right recognition lights with new LED style P/N 01-0771888-00 per approved field approval (see FAA Form 337 dated 7/3/2019). Replaced right aileron outboard static wick with new P/N 494-678. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 10/04/2019

Signed: Charles Doyle A&P 3125891 IA

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK

KENT STATE
UNIVERSITY

N752KS

AFTT: 2197.4
TACH: 942.3

Updated GPS navigation databases, cycle expires 11/7/2019. Updated Obstacle, safetaxi, and airport directory, expires 12/5/2019

Signed: Joshua Eyring A+P 2761827. Date: 10/8/2019

KENT STATE
UNIVERSITY

N752KS

AFTT: 2226.7
TACH: 971.6

Removed oil door from upper cowling. Reinforced oil door latch button hole with a 2024T-3 aluminum patch. Installed new oil door latch P/N 472-017. Reinstalled oil door back on upper cowling with new attach hardware. Work performed IAW the Piper Arrow (S/N's 2844001 & Up) Aircraft 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. Date: 10/18/2019

Signed: Joshua Eyring A+P 2761827.

KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 2241.4

A/C TOTAL TIME : 2241.4
ENG TOTAL TIME : 2241.4
ENG T.S.M.O.H. : N/A
TACH TIME : 986.3
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 298.6

Complied with, 50HR INSPECTION CHECK LIST.
Inspected and serviced as required: hydraulic fluid and tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Updated G500 and GNS430W navigation databases, expire 12-5-2019. Cleaned mixture and throttle control cables. Cleaned and lubed yoke shafts. All work performed IAW the PA28R-201 Arrow Service 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. Date: 11/19/2019

Signed: Joshua Eyring A+P 2761827

NEW AND SERVICABLE PARTS TAGS

DATE TACH DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH
REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF

KENT STATE
UNIVERSITY

N752KS

AFTT: 2249.7
TACH: 994.6

Replaced the broken storm window latch with new piper P/N 472-024. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 11/26/2019

Signed: Sarah Boyd A&P 3762407

KENT STATE
UNIVERSITY

N752KS

AFTT: 2252.7
TACH: 997.6

Updated GPS Nav database, cycle expires 01/02/2020 and Obst, Airport and Safe Taxi, cycles expire 10-30-2020. 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. Date: 12/04/2019

Signed: Thomas S. Napoletano A&P 3007727

KENT STATE
UNIVERSITY

N752KS

AFTT: 2276.8
TACH: 1021.7

Updated GPS Nav database, cycle expires 01-30-2020. 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. Date: 01/02/2020

Signed: Thomas S. Napoletano A&P 3007727

KENT STATE
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 2287.1

A/C TOTAL TIME :	2287.1
ENG TOTAL TIME :	2287.1
ENG T.S.M.O.H. :	N/A
TACH TIME :	1032.0
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	344.3

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04/2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with FAR 91.207 (ELT insp/test) with no defects noted, next due 01/2021. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Replaced both left main gear brake linings with new P/N 066-10500. Replaced CO detector with new unit. Serviced right main strut with nitrogen. Repaired broken wire on weight on wheel switch. Repaired cracked right baffle bracket with a doubler using .040 2024 T3 aluminum alloy. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: 01/23/2020

Signed: Charles Doyle A&P 3125891 IA

KENT STATE
UNIVERSITY

N752KS

AFTT: 2289.1
TACH: 1034.0

Updated GPS Nav database, cycle expires 02/27/2020 and Obst, Airport and Safe Taxi, cycles expire 03-26-2020. 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. Date: 01/28/2020

Signed: Thomas S. Napoletano A&P 3007727

NEW AND SERVICABLE PARTS TAGS

NEW AND SERVICABLE PARTS TAGS

KENT STATE
UNIVERSITY

N752KS

AFTT: 2289.1
TACH: 1034.0

Complied with **Piper S.B. 1342** (Stabilator Fitting Inspection) and found this aircraft to not be affected as neither stabilator attach fitting has been replaced since manufacture. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 01/28/2020

Signed: [Signature] Charles Doyle A&P 3125891

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KENT STATE
UNIVERSITY

N752KS

AFTT: 2310.0
TACH: 1054.9

Updated GPS Nav database, cycle expires 03-26-2020.

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. Date: 02/26/2020

Signed: [Signature] Thomas S. Napoletano A&P 3007727

KENT STATE
UNIVERSITY

N752KS

AFTT: 2310.0
TACH: 1054.9

Repaired broken wire to weight on wheels switch. Completed three full gear retraction cycles with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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. Date: 03/02/2020

Signed: [Signature] Charles Doyle A&P 3125891

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE
UNIVERSITY

N752KS

AFTT: 2317.4
TACH: 1062.3

Complied with Garmin G5 battery capacity test with no defects noted. All work performed IAW the Garmin G5 Instructions for Continued Airworthiness.

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. Date: 05/05/2020

Signed: [Signature] Charles Doyle A&P 3125891

KENT STATE
UNIVERSITY

N752KS

AFTT: 2657.8
TACH: 1071.8

Replaced oil door P/N 99095-000, hinge P/N 65291-003, and latch P/N 472-017 with new.

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.

Date: 06/03/2020

Signed: [Signature] Maxine Gibson A&P 4003865.

NEW AND SERVICABLE PARTS TAGS

NEW AND SERVICABLE PARTS TAGS

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201
N752KS

Total Time in Service: 2344.9

A/C TOTAL TIME : 2344.9
ENG TOTAL TIME : 2344.9
ENG T.S.M.O.H. : N/A
TACH TIME : 1089.8
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 402.1

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Cleaned and repacked LMG, NG, and RMG wheel bearings. Complied with hydraulic fluid contamination check by visual inspection with no defects noted. Recertified aircraft fire extinguisher by visual inspection and reweight with no defects noted. Replaced LMG tire with new P/N TIRE6.00X6FCIII and tube with new G15/6.00X6. Replaced LMG brake disk with new P/N 164-02000. Replaced left outboard aileron static wick with new P/N 494-678. All work performed IAW the PA28R-201 Arrow Service 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. Date: 06/17/2020

Signed: Christopher Brinker Christopher Brinker A&P 2690760

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.

Air MFG: Garmin/UNITED Steiner Aviation International Date: 9-3-2020
Alt. P/N: 60674A / 011-03809-00/593440 5430 Lauby Road, Hangar 17 WO #: 13284
Alt. S/N: 20618707 / 432028073/504693 North Canton, OH 44720 T.T.: 2726.7
A/C N #: 752KS CRS V4NR896Y T.L.: —

THE ALTIMETER/ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO BE SATISFACTORY IN ACCORDANCE WITH FAR 43 APPENDIX F. STATIC SYSTEM(S) LEAK CHECKED ✓. ALTIMETER(S) CERTIFIED BY CRS V4NR896Y TO 20,000 FT., REFER TO ATTACHED MAINTENANCE RELEASE ALTITUDEENCODING SYSTEM CERTIFIED BY STEINER AVIATION INTERNATIONAL, INC. CRS V4NR896Y

SIGNED John A
DATE 9-3-2020 CERT NO. V4NR896Y
TYPE ANY COMMENTS HERE

THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX "F" AND "E" PARAGRAPH C IF APPLICABLE

#1
TXP MAKE Garmin MODEL GTX345
SERIAL # 3E6026704 TSO
#2
TXP MAKE NA MODEL NA
SERIAL # NA TSO NA
STEINER AVIATION INTERNATIONAL INC
CRS V4NR896Y

MAINTENANCE RELEASE

The aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Work Order Number 13284
Date 9/3/2020 Time 2726.7

CERTIFIED AIR DATA COMPUTER (S) AS PER FAR 43 APPENDIX "E", (2)

Signed John A
STEINER AVIATION INTERNATIONAL INC CRS V4NR896Y

MAKE Garmin MOD 60674A
#1 S/N 20618707 #2 S/N —

ALTIMETER SCALE STBY ALTIMETER S/N —
Correction Card PART NUMBER —

ALTIMETER SCALE 65 ALTIMETER S/N —
Correction Card PART NUMBER —

ALTIMETER SCALE 6500 ALTIMETER S/N —
Correction Card PART NUMBER —

STANDARD ALTITUDE FT.	ALTIMETER READING	STANDARD ALTITUDE FT.	ALTIMETER READING
-1000	-1000	14000	14000
0	0	16000	16000
500	500	18000	18000
1000	1000	20000	20000
1500	1500	22000	22000
2000	2000	25000	25000
3000	3000	30000	30000
4000	3990	35000	35000
6000	5990	40000	40000
8000	7990	45000	45000
10000	9990	50000	50000
12000	11990	55000	55000

FITS AN5800 HOLDER
P/N 22628
DATE 9/3/2020 SIGNED John A

NEW AND SERVICABLE PARTS TAGS

KENT STATE UNIVERSITY

AIRFRAME

N752KS

Aircraft Total Time : **2387.0**

Complied with an **Engine Change:**
 Removed engine P/N: IO-360-C1C6 S/N: L-36467-51E and all related accessories and installed a rebuilt Lycoming engine P/N: IO-360-C1C6 S/N: RL-31187-51E (By Lycoming under W/O# MS-529894 dated 3/12/2020) and related accessories. Installed four each new Lord mounts P/N J9613-40 using new bolts P/N AN7-43A and AN7-44A, and four new P/N MS20365-720C attach nuts. Installed new mixture and throttle control rod end bearings P/N 452-606 and two new engine control rod-ends P/N S1104-3. Installed new propeller governor control rod end P/N 89307-752. Replaced the following hoses in the engine compartment with new: 124F001-3CR-0380, 124F001-4CR-0130, 124F001-8CR-0320, 124F003-6CR-0133, 124F003-6CR-0162, 124F003-8CR-0266, and 193752-2D-0250. Replaced alternator belt with new P/N 37A19773-376. Transferred existing Tanis/Reiff engine preheat kit over to replacement engine. Installed new propeller hub o-ring P/N C-3317-228. 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.

ITEM	REMOVED			INSTALLED		
	PART#	SERIAL #	TIS/TSO	PART#	SERIAL #	TIS/TSO
ENGINE	IO-360-C1C6	L-36467-51E	2387.0 TIS	IO-360-C1C6	RL-31187-51E	0.0 TIS
PROP	HC-C2YR-1BFP/F7497	NS4170B	444.2 TIS	HC-C2YR-1BFP/F7497	NS4170B	444.2 TIS
STARTER	149-NL	FN-4616113	1091.6 TIS	149-NL	FN-4616113	1091.6 TIS
ALTERNATOR	ALX-8521-LS1	H-O090187	2387.0 TIS	ALX-8521-LS1	H-O090185	0.0 TSO
OIL COOLER	20017A	I14-12396-4	2387.0 TIS	20017A	I14-12396-1	0.0 TSO
Governor	F-2-7A	G131WJ	2387.0 TIS	F-2-7A	G131WJ	0.0 TSO
MAGNETO (S)	L: 4372	14071667	2387.0 TIS	4372	19120557	0.0 TSN
	R: 4370	14090050	2387.0 TIS	4370	19100647	0.0 TSN
INJECTOR	RSA-5AD1	72HD4404	2387.0 TIS	RSA-5AD1	AV28872804	0.0 TSO
FUEL PUMP	62B26931	H1913	2387.0 TIS	62B26931	0620L 0040	0.0 TSN
DISTRIBUTOR	63B26720	AV171462453	2387.0 TIS	63B26720	AV50714469	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. Date: **09/04/2020**

Signed:  Charles Doyle A&P 3125891

AIRFRAME MAINTENANCE LOG

KENT STATE UNIVERSITY

AIRFRAME-PA28R-201

N752KS

I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
 Time in Service :**2387.0**

A/C TOTAL TIME : **2387.0**
 ENG TOTAL TIME : **0.0**
 ENG T.S.M.O.H. : **N/A**
 TACH TIME : **1131.9**
 PROP T.S.M.O.H. : **N/A**
 PROP TOTAL TIME : **444.2**

Complied with an **Annual Inspection**.
 Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (**04/2025**). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Complied with **S.B 1244C** (rear wing spar) by visual inspection with no defects noted and application of Ardrox corrosion preventative. Replaced nose gear bumper stop with new P/N 37970-005. Replaced lower nose strut turn limit placard with new P/N 582-783. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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. Date: **09/04/2020**

Signed:  Charles Doyle A&P 3125891 IA

KENT STATE UNIVERSITY

AIRFRAME-PA28R-201

N752KS

Total Time in Service: **2436.8**

A/C TOTAL TIME : **2436.8**
 ENG TOTAL TIME : **49.8**
 ENG T.S.M.O.H. : **N/A**
 TACH TIME : **1181.7**
 PROP T.S.M.O.H. : **N/A**
 PROP TOTAL TIME : **494.0**

Complied with, **50HR INSPECTION CHECK LIST**.
 Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition. Replaced the right flap static wick with new Piper P/N 494-678. Replaced the right inboard and outboard brake linings with new P/N 066-10500. All work performed IAW the PA28R-201 Arrow Service 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. Date: **10/2/2020**

Signed:  Sarah Johnson A&P 3762407

NEW AND SERVICABLE

PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE
PARTS TAGS

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.



I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **2486.7**

A/C TOTAL TIME : **2486.7**
ENG TOTAL TIME : **99.7**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **1231.6**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **543.9**

Complied with an **Annual Inspection**.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04/2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with **A.D. 84-26-02** (induction air filter) by replacing with new P/N P617503, next due AFTT **2986.7**. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Complied with **S.B. 1156** (nose draglink bolt/bushing) by replacing bolt with new P/N NAS464P4-27 and both bushings with new P/N 452-800, next due AFTT **2986.7**. Cleaned and repacked left and right main wheel bearings. Replaced nose tire with new Goodyear 5.00x5 FCIII 6 ply tire and tube with new 5.00x5 tube, cleaned and repacked wheel bearings. Replaced left and right stabilator attach bearings with new P/N 452-394 using new bolts P/N 402-680 and nuts P/N 406-945. Replaced left inboard and outboard brake linings with new P/N 066-10500. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2020-00631**. Date: **12/04/2020**

Signed: Charles Doyle, Certified Repair Station NX3R886D.

AIRFRAME MAINTENANCE LOG

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.



N752KS

AFTT: **2489.7**
TACH: **1234.6**

Replaced upper cowling oil door latch with new P/N 472-017. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# **KSU2020-00646**.

Signed: Charles Doyle, Certified Repair Station NX3R886D. Date: **12/08/2020**



N752KS

AFTT: **2507.9**
TACH: **1252.8**

Replaced airframe step with new P/N 65384-000. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# **KSU2021-00004**. Date: **01/04/2021**

Signed: Christopher Brinker, Certified Repair Station NX3R886D.



N752KS

AFTT: **2512.7**
TACH: **1257.6**

Replaced broken interior upper door latch handle with new P/N 464-029. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# **KSU2021-00014**. Date: **01/11/2021**

Signed: Christopher Brinker, Certified Repair Station NX3R886D.

AIRFRAME MAINTENANCE LOG

FOR	N	030	060	E	120	150
STEER	358	027	057	088	119	149
FOR	S	210	240	W	300	330
STEER	179	209	240	270	300	330
DATE	2/3/2021 Radios On					

AND SERVICABLE PARTS TAGS

D. KENT STATE UNIVERSITY
AIRFRAME-PA28R-201
N752KS
 Total Time in Service: 2540.5

A/C TOTAL TIME : 2540.5
 ENG TOTAL TIME : 153.5
 ENG T.S.M.O.H. : N/A
 TACH TIME : 1285.4
 PROP T.S.M.O.H. : N/A
 PROP TOTAL TIME : 597.7

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Complied with **FAR 91.207** (ELT insp/test) with no defects noted, next due **02/2022**. Complied with compass swing/calibration and updated deviation card. Complied with Amsafe DTC inspection/test with no defects noted. Replaced CO detector with new unit. Replaced oil door latch with new P/N 472-017 and striker with new P/N 99094-004. Repaired two broken wires at left main gear squat switch, performed normal and emergency gear operations with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2021-00055**. Date: **02/03/2021**

Signed: Charles Doyle, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

N752KS

AFTT: 2552.6
 TACH: 1297.5

Performed troubleshooting on a reported landing gear issue where the gear pump would not operate. Found a loose terminal on the left gear downlock switch and squat switch. Tightened wires, ops tested by performing normal and emergency gear swings with no defects noted. Serviced the nose strut with nitrogen as required. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# **KSU2021-00092**. Date: **2/16/2021**

Signed: Sarah Johnson, Certified Repair Station NX3R886D.

AIRFRAME MAINTENANCE LOG

D. KENT STATE UNIVERSITY

I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
 Time in Service: 2586.2

A/C TOTAL TIME : 2586.2
 ENG TOTAL TIME : 199.2
 ENG T.S.M.O.H. : N/A
 TACH TIME : 1331.1
 PROP T.S.M.O.H. : N/A
 PROP TOTAL TIME : 643.4

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (**04/2025**). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter, and replaced cover with new P/N 67745-000. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Performed normal and emergency gear swings with no defects noted. Replaced left stabilator pulley under aft floor panel with new P/N 62711-003. Replaced the left and right aft aileron pulleys in wing roots with new P/N 481-641. Replaced left and right aileron hinges with new P/N 62371-008 (IB and OB) and P/N 35636-000 (center). Replaced the landing/recog light circuit breaker with new P/N 454-732. Replaced the left and right aileron pushrod ends, bellcrank side, with new P/N 452-335. Adjusted the left gear downlock switch. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2021-00212**. Date: **3/30/2021**

Signed: Sarah Johnson, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

N752KS

AFTT: 2594.7
 TACH: 1339.6

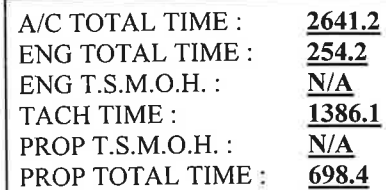
Removed inoperative motor for the electric fuel pump and installed a new electric motor P/N 8850-5. Operations and leak checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# **KSU202100241**. Date: **04/07/2021**

Signed: Jonathan C. Weaver, Certified Repair Station NX3R886D.

PARTS TAGS

NEW AND SERVICABLE PARTS TAGS



Signed: Sarah Johnson Sarah Johnson, Certified Repair Station NX3R886D.

DA' KENT STATE UNIVERSITY

A/C TOTAL TIME :	<u>2686.1</u>
ENG TOTAL TIME :	<u>299.1</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1431.0</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>743.3</u>

Signed:  Charles Doyle, Certified Repair Station NX3R886D.



N752KS

Signed: Charles Doyle, Certified Repair Station NX3R886D.

PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE TACH OR DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 2743.8

A/C TOTAL TIME : 2743.8
ENG TOTAL TIME : 356.8
ENG T.S.M.O.H. : N/A
TACH TIME : 1488.7
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 801.0

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Complied with hydraulic fluid contamination check by visual inspection with no defects noted. Replaced LMG outboard brake lining with new P/N 066-10500 and riveted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# KSU2021-00483. Date: 07/26/2021

Signed: Christopher Brinker Christopher Brinker, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

N752KS

AFTT: 2759.8

TACH: 1504.7

Removed propeller governor P/N F-2-7A, S/N G131WJ for repair (repair completed by Tiffin Aire, Inc under WO # 8895, dated 5 Aug 2021) and reinstalled governor. Removed faulty alternator out switch P/N A-00258-1, S/N 80P70323 and installed serviceable P/N A-00258-1, S/N 80Q94107. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# KSU2021-00511 Date: 08/11/2021

Signed: Charles Doyle Charles Doyle, Certified Repair Station NX3R886D.

AIRFRAME MAINTENANCE LOG

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 2785.6

A/C TOTAL TIME : 2785.6
ENG TOTAL TIME : 398.6
ENG T.S.M.O.H. : N/A
TACH TIME : 1530.5
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 842.8

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04/2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Performed normal and emergency gear swings with no defects noted. Replaced the prop governor control rod end with new P/N 8907-000. Replaced the right outboard brake lining with new P/N 066-10500. Complied with the Amsafe EMA refurbishment by removing EMA P/N 508358-421, S/N A17MAY14-80 and installing an overhauled unit P/N 508358-421, S/N RA15JUN21-8 (overhauled by Amsafe inc. WO# 200355-1, dated 6/16/2021). Refurbishment next due 06/2028. Complied with the Amsafe DTC inspection/check with no defects. Reenable the previously disabled Amsafe system. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# KSU2021-00604. Date: 9/16/2021

Signed: Sarah Johnson Sarah Johnson, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: 2843.5

A/C TOTAL TIME : 2843.5
ENG TOTAL TIME : 456.5
ENG T.S.M.O.H. : N/A
TACH TIME : 1588.4
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 900.7

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced the LMG tire with new Goodyear 6.00x6x6 FCIII tire, cleaned and repacked the wheel bearings. Serviced the left strut with nitrogen. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# KSU2021-00653. Date: 10/8/2021

Signed: Sarah Johnson Sarah Johnson, Certified Repair Station NX3R886D.

NEW AND SERVICABLE PARTS TAGS



I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **2885.3**

A/C TOTAL TIME : **2885.3**
ENG TOTAL TIME : **498.3**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **1630.2**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **942.5**

Complied with an **Annual Inspection**.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04/2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Complied with **AD 84-26-02** (induction air filter) by replacement with new non-paper Tempest filter P/N AA617053, AD no longer applies. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Performed normal and emergency gear swings with no defects noted. Cleaned and repacked the NG wheel bearings. Replaced the left and right wing IB, aft aileron pullies with new Piper P/N 481-614. Complied with **Piper SL-1273A** (fuel selector valve) by removing, performing specified leak check, and reinstalling with no defects noted, next due AFTT **4885.3** or **10/2028** whichever occurs first. Complied with the fire extinguisher recertification by replacement, next due **10/2022**. Replaced the left FWD cowl latch with new P/N 65202-800. Removed the RMG actuator P/N SFA232-5, S/N 5544 and installed a new actuator P/N SFA232-5, S/N 7509, leak checked with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2021-00686**. Date: **10/28/2021**

Signed: *Sarah Johnson* Sarah Johnson, Certified Repair Station NX3R886D.



N752KS
Total Time in Service: **2933.1**

A/C TOTAL TIME : **2933.1**
ENG TOTAL TIME : **546.1**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **1678.0**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **990.3**

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

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Serviced the RM strut with nitrogen. Replaced the left IB brake lining with new P/N 066-10500. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2021-00721**. Date: **11/15/2021**

Signed: *Sarah Johnson* Sarah Johnson, Certified Repair Station NX3R886D.



N752KS

AFTT: **2968.7**
TACH: **1713.6**

Replaced the inop left downlock switch with new P/N 36742-014. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# **KSU2021-00770**. Date: **12/7/2021**

Signed: *Sarah Johnson* Sarah Johnson, Certified Repair Station NX3R886D.

NEW AND SERVICABLE PARTS TAGS

Aerospace Welding Minneapolis Inc.
3344 Highway 149
Eagan, MN 55121
(651) 379-9888

FAA-PMA Approved

Approved Replacement for:
Piper Aircraft Inc. 67812-00, 67812-000

Part Number:
A67812-000

Installation Model Eligibility:
PA-28R-200, -201, & -201T

QA-16

PA-28-236 All S/N's
PA-32-300 S/N 32-7740001 and up
PA-32R-300 S/N 32R-7680001 and up
PA-32RT-300 S/N 32R-7885001 and up
PA-32R301 All S/N's

MAINTENANCE LOG

SERVICABLE PARTS TAGS



N752KS

AFTT: **2972.0**
TACH: **1716.9**

Found 1" x 0.5" x 0.18" deep dent at inboard leading edge of left horizontal stabilator. Relaxed stabilator control and trim cables and removed stabilator. Removed left inboard rib for access, repaired dent and reinstalled rib. Reinstalled stabilator using new locknuts, tensioned cables and safetied turnbuckles with new clips P/N MS21256-1. Performed travel checks with no defects noted. Replaced right aileron outboard static wick jumper with new P/N 494-678. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# **KSU2021-00776** Date: **12/14/2021**

Signed: Charles Doyle, Certified Repair Station NX3R886D.



I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service: **2984.2**

A/C TOTAL TIME :	2984.2
ENG TOTAL TIME :	597.2
ENG T.S.M.O.H. :	N/A
TACH TIME :	1729.1
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	1041.4

Complied with an **Annual Inspection**.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (**04/2025**). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Complied with **S.B. 1156A** (nose draglink bolt inspection/replacement) by replacing bolt with new P/N NAS464P4-27 and both bushings with new P/N 452-800, next due AFTT **3084.2**. Replaced fire extinguisher with new P/N A344T. Complied with left and right fuel tank removal, corrosion inspection and replaced vent hoses with new Stratoflex 193-4, next due **01/2029**. Removed aft muffler P/N A67517-00 and installed new P/N A67517-00. Replaced #3 exhaust riser with new P/N A67812-00. Repaired right forward baffle with 2.5"x3" .032 2024T3 doubler. Replaced left and right fuel tank fuel type and quantity placards with new. Cleaned and repacked right main wheel bearings, replaced inboard brake lining with new P/N 066-10500. Adjusted left main down lock switch for reported indicator light out and gear unsafe light illuminated during taxi. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2022-00015** Date: **01/12/2022**

Signed: Charles Doyle, Certified Repair Station NX3R886D.

AIRFRAME MAINTENANCE LOG

TACH DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH



AIRFRAME-PA28R-201

N752KS

Total Time in Service: **3033.9**

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

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced faulty ELT 406 MHZ Antenna with new P/N 110-773. Complied with **FAR 91.207** (ELT Inspection and test) by visual inspection and test with no defects noted. Next Due **02/2023**. Replaced CO Detector with new. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2022-00102** Date: **02/24/2022**

Signed: Christopher Brinker, Certified Repair Station NX3R886D.

A/C TOTAL TIME :	3033.9
ENG TOTAL TIME :	646.9
ENG T.S.M.O.H. :	N/A
TACH TIME :	1778.8
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	1091.1



N752KS

AFTT: **3055.4**
TACH: **1800.3**

Reassembled the right seatbelt buckle and replaced the plastic cover with new P/N 511013-1. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# **KSU2022-00122** Date: **3/3/2022**

Signed: Sarah Johnson, Certified Repair Station NX3R886D.

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.
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KENT STATE UNIVERSITY

N752KS

AFTT: **3071.2**
TACH: **1816.1**

Found RMG downlock spring missing. Installed new downlock springs P/N 487-495 at the LMG and the RMG. Replaced both nose gear downlock springs with new P/N 487-483 and 487-484. Performed normal and emergency gear swings with no further defects noted. Replaced left flap static wick with new P/N 494-678. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# **KSU2022-00140**. Date: **03/09/2022**

Signed:  Joshua Eyring, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service: **3084.0**

A/C TOTAL TIME : **3084.0**
ENG TOTAL TIME : **697.0**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **1828.9**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1141.2**

Complied with an **Annual Inspection**.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (**04/2025**). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Complied with S.B. 1156A (nose drag link bolt) by replacing bolt with new P/N NAS464P4-27. Replaced left outboard brake lining with new P/N 066-10500 and riveted with new P/N 105-00200 rivets. Replaced one broken stud in air box lid with new P/N 487-723. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2022-00164**. Date: **03/21/2022**

Signed:  Charles Doyle, Certified Repair Station NX3R886D.

AIRFRAME MAINTENANCE LOG

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N752KS

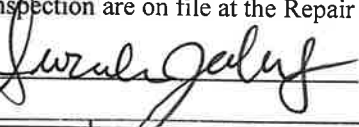
Total Time in Service: **3134.0**

A/C TOTAL TIME : **3134.0**
ENG TOTAL TIME : **747.0**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **1878.9**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1191.2**

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

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Complied with the hydraulic fluid contamination check with no defects. Replaced the prop governor control rod end with new P/N 89307-000. Replaced the cabin door holder assembly with serviceable P/N 95507-005. Interior & exterior airframe inspected for general condition with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2022-00267**. Date: **5/2/2022**

Signed:  Sarah Johnson, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

I certify that this **Aircraft-PA28R-201 (N752KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service: **3183.4**

A/C TOTAL TIME : **3183.4**
ENG TOTAL TIME : **796.4**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **1928.3**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1240.6**

Complied with an **Annual Inspection**.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (**04/2025**). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Complied with **S.B. 1156A** (nose drag link bolt/bearing insp.) by visual inspection and bolt replacement with new P/N NAS464P4-27. Performed normal and emergency gear swings with no defects noted. Cleaned and repacked the LMG and NG wheel bearings. Replaced the alternator brushes with new P/N ALE-1013AS. Removed FWD muffler P/N PIM0004, S/N 015960-0008 and installed a new muffler P/N PIM0004, S/N 036276-0001. Replaced the #1 exhaust riser with new P/N A67809-00. Removed cabin door, replaced hinge eye bolts with new P/N AN44-17A and clevis pins with new P/N MS20392-3C13, replaced 1 cherry rivet on the lower hinge with new P/N CR3243-5-3, and reinstalled door. Replaced the left and right fuel cap lock ring with new P/N 473-151 and right center flapper with new P/N 492-153. Replaced the right OB and left IB brake linings with new P/N 066-10500. Replaced the left upper and lower, right upper and lower, and nose upper torque link bushings with new P/N 67026-007, left upper bolt with new P/N NAS6605D48, and left lower, both right, and nose upper bolts with new P/N 691-315. Replaced the rudder static wick with new P/N 494-678. Replaced the flap cable tension spring with new P/N 487-269. Replaced the left FWD stab cable pulley with new P/N 62711-003. Replaced the engine control quadrant cover with new P/N H67232-40-41 and placard with new P/N H-69669-45. Replaced the right wingtip lens with new P/N 36739-029. Repaired the #2 cylinder FWD baffle cooling tube. Repaired the lower cowl FWD door seat with a 7"x3" fiberglass and resin patch. Replaced the flap limit switch actuator with serviceable. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2022-00310**. Date: **5/27/2022**

Signed:  Sarah Johnson, Certified Repair Station NX3R886D.

Certifies that unless otherwise specified and described in Block 12 was accomplished in accordance with Federal Regulations, part 43 and in response to the following inspection and repair instructions.

AG

Number:

12. Serial Number Off

N/A

ally inspected and found to be returned to service

NEW AND SERVICABLE PARTS TAGS

KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201

N752KS

Total Time in Service: **3233.1**

A/C TOTAL TIME : **3233.1**
ENG TOTAL TIME : **846.1**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **0.0**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1290.3**

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

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Complied with Garmin G5 battery capacity test, passed at 100% and 4 hour and 56 minute time. Removed faulty tachometer P/N SL1010-64003-10-N00, S/N 2298 and installed PMA UMA digital P/N T19-801-112, S/N A2909 using new sending unit P/N 1D6-4, S/N E15956. Replaced right flap static jumper with new P/N 494-678. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2022-00375**. Date: **06/28/2022**

Signed:  Charles Doyle, Certified Repair Station NX3R886D.

KENT STATE
UNIVERSITY

N752KS

AFTT: **3246.7**

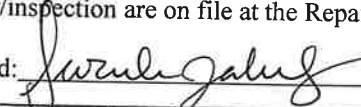
TACH: **13.6**

Replaced the outer auxiliary door handle with new P/N 464-029. The altimeter and pitot-static system tests required by 14 CFR 91.411, including data correspondence, and transponder tests required by 14 CFR 91.413, have been performed and found to comply with 14 CFR Part 43 appendix E and F to 20,000ft.

Altimeter	Make	United	P/N	5934PAD-3	S/N	504693
Altimeter	Make	Garmin	P/N	011-03809-00	S/N	4JQ028073
ADC	Make	Garmin	P/N	GDC-74A	S/N	20618707
Transponder	Make	Garmin	P/N	GTX345	S/N	3EG026704

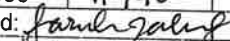
All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

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 2022-00431** Date: **7/15/2022**

Signed:  Sarah Johnson, Certified Repair Station NX3R886D.

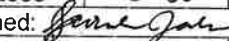
Kent State University CRS# NX3R886D Altimeter Correction Card W.O.

Registration: N752KS Ser.No: 2844154			
Alt. Pos: STRY P/N: 5934PAD-3 S/N: 504693			
Standard Altitude Ft.	Altimeter Reading	Standard Altitude Ft.	Altimeter Reading
-1000	-1000	14000	13960
0	5	16000	15965
500	515	18000	17995
1000	1010	20000	20020
1500	1520	22000	-----
2000	2020	25000	-----
3000	3015	30000	-----
4000	4010	35000	-----
6000	5990	40000	-----
8000	7975	45000	-----
10000	9950	50000	-----
12000	11940	55000	-----

Signed:  Date: **7/15/2022**

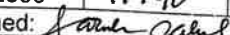
Kent State University CRS# NX3R886D Altimeter Correction Card W.O.

Registration: N752KS Ser.No: 2844154			
Alt. Pos: G5 P/N: 011-03809-00 S/N: 4JQ028073			
Standard Altitude Ft.	Altimeter Reading	Standard Altitude Ft.	Altimeter Reading
-1000	-990	14000	14030
0	15	16000	16035
500	515	18000	18030
1000	1015	20000	20030
1500	1515	22000	-----
2000	2015	25000	-----
3000	3015	30000	-----
4000	4015	35000	-----
6000	6020	40000	-----
8000	8020	45000	-----
10000	10025	50000	-----
12000	12030	55000	-----

Signed:  Date: **7/15/2022**

Kent State University CRS# NX3R886D Altimeter Correction Card W.O.

Registration: N752KS Ser.No: 2844154			
Alt. Pos: G500 P/N: GDC-74A S/N: 20618707			
Standard Altitude Ft.	Altimeter Reading	Standard Altitude Ft.	Altimeter Reading
-1000	-1010	14000	13990
0	-10	16000	15990
500	495	18000	17980
1000	990	20000	19980
1500	1490	22000	-----
2000	1990	25000	-----
3000	2990	30000	-----
4000	3990	35000	-----
6000	5990	40000	-----
8000	7990	45000	-----
10000	9990	50000	-----
12000	11990	55000	-----

Signed:  Date: **7/15/2022**

SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF

KENT STATE UNIVERSITY

N752KS

AFTT: 3272.3
TACH: 39.2

Replaced RMG tire with new Goodyear 6.00X6 FCIII 6 ply tire and tube with new P/N G15/6.00X6. Cleaned and repacked wheel bearings. Replaced RMG inboard brake lining with new P/N 066-10500 and riveted. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# KSU2022-00495. Date: 08/10/2022

Signed: Christopher Brinker Christopher Brinker, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 3283.1

A/C TOTAL TIME :	<u>3283.1</u>
ENG TOTAL TIME :	<u>896.1</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>1340.3</u>

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04/2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Complied with S.B. 1156A (nose gear drag link bolt) by replacing bolt with new P/N NAS464P4-27 and left bushing with new P/N 452-800. Performed normal and emergency gear swings with no defects noted. Complied with Amsafe DTC inspection/test with no defects noted. Replaced nose wheel tire with new Goodyear 5.00x5 FCIII 6 ply, cleaned, and repacked wheel bearings. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# KSU2022-00572. Date: 09/08/2022

Signed: Charles Doyle Charles Doyle, Certified Repair Station NX3R886D.

AIRFRAME MAINTENANCE LOG

DATE TACH OR AFTT DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.

KENT STATE UNIVERSITY

N752KS

AFTT: 3306.4
TACH: 73.3

Found right seat, right brake master cylinder leaking. Replaced leaking master cylinder with new P/N 10-30. Replaced right brake caliper 45 degree fitting with new P/N AN823-4D. Bled entire brake system to remove entrapped air using pressure pot while exercising each brake master cylinder and opening upper brake master cylinder hoses. Performed a final top down bleeding procedure for left and right brake system. Brake pedals are now firm. Performed taxi check using brake pedals at each front seat location. No further defects noted. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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 2022-00653. Date: 10/7/2022

Signed: Joshua Eyring Joshua Eyring, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

N752KS

AFTT: 3312.3
TACH: 79.2

Removed faulty alternator out switch P/N A00258-1, S/N 80Q94107 and installed new P/N A00258-1, S/N 80V32610. Replaced in-line fuse holder with new P/N FHP-1 and relocated to left side of engine from behind alternator. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# KSU2022-00665. Date: 10/13/2022

Signed: Charles Doyle Charles Doyle, Certified Repair Station NX3R886D.

NEW AND SERVICABLE PARTS TAGS

NEW AND SERVICABLE PARTS TAGS

KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201
N752KS
Total Time in Service: **3326.2**

A/C TOTAL TIME :	3326.2
ENG TOTAL TIME :	939.2
ENG T.S.M.O.H. :	N/A
TACH TIME :	93.1
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	1383.4

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

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced emergency gear lever placard with new. Replaced left main gear outboard brake lining with new P/N 066-10500 and riveted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2022-00687**. Date: **10/25/2022**

Signed: *Christopher Brinker* Christopher Brinker, Certified Repair Station NX3R886D.

KENT STATE
UNIVERSITY

N752KS

AFTT: **3381.0**
TACH: **147.9**

Replaced inoperative left gear indicator bulb with new bulb P/N 330. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# **KSU2022-00794**. Date: **12/06/2022**

Signed: *Charles Doyle* Charles Doyle, Certified Repair Station NX3R886D.

TACH	DESCRIPTION OF WORK PERFORMED												
DA	KENT STATE UNIVERSITY I certify that this Aircraft-PA28R-201 (N752KS) has been inspected in accordance with a 100 Hour Inspection and was found to be in an airworthy condition. Time in Service: 3382.6												
<table border="1"> <tr><td>A/C TOTAL TIME :</td><td>3382.6</td></tr> <tr><td>ENG TOTAL TIME :</td><td>995.6</td></tr> <tr><td>ENG T.S.M.O.H. :</td><td>N/A</td></tr> <tr><td>TACH TIME :</td><td>149.5</td></tr> <tr><td>PROP T.S.M.O.H. :</td><td>N/A</td></tr> <tr><td>PROP TOTAL TIME :</td><td>1439.8</td></tr> </table>		A/C TOTAL TIME :	3382.6	ENG TOTAL TIME :	995.6	ENG T.S.M.O.H. :	N/A	TACH TIME :	149.5	PROP T.S.M.O.H. :	N/A	PROP TOTAL TIME :	1439.8
A/C TOTAL TIME :	3382.6												
ENG TOTAL TIME :	995.6												
ENG T.S.M.O.H. :	N/A												
TACH TIME :	149.5												
PROP T.S.M.O.H. :	N/A												
PROP TOTAL TIME :	1439.8												

Complied with a **100 Hour Inspection.**

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (04-2025). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Replaced induction air filter with new P/N AA617053. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Complied with **SB 1156A** (Nose gear drag link) by visual inspection and replacement of drag link bolt with new P/N NAS464P4-27 with no other defects noted. Next due at AFTT: **3482.6**. Complied with **SB 1242** (Rubber bar assembly) by visual inspection with no defects noted. Next due at AFTT: **3482.6**. Replaced LMG tire with new Goodyear 6.00X 6 FCIII 6 ply tire. Cleaned and repacked LMG wheel bearings. Rebuilt LMG, RMG, and NG struts by replacing the following with new: P/N 187-630, P/N 484-797, P/N 484-799. Serviced all struts with MIL-H-5606 hydraulic fluid and nitrogen. Replaced RMG outboard brake lining and LMG inboard brake lining with new P/N 066-10500 and riveted. Replaced navigation lights circuit breaker with new P/N 454-732. Replaced bushing on front of lower cowl left side with new P/N MC69790-00. Adjusted prop governor stop in one turn. All work performed IAW the Piper Arrow (S/N's 2844001 and up) 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# **KSU2022-00799**. Date: **12/14/2022**

Signed: *Christopher Brinker* Christopher Brinker, Certified Repair Station NX3R886D.

KENT STATE
UNIVERSITY

N752KS

AFTT: **3410.0**
TACH: **176.9**

Removed inoperative fuel pump P/N 8850-5 and replaced with new P/N 8850-5. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# **KSU2023-00056**. Date: **02/01/2023**

Signed: *Seth Brown* Seth Brown, Certified Repair Station NX3R886D.

NEW AND SERVICABLE PARTS TAGS

AUTHORIZED REL

FAA Form 8130-3, AIRWO

Concorde Battery Corporation
2009 San Bernardino Rd.
West Covina, CA 91790

8. Part Number:

RG-35AXC

a critical component. (Cross check eligibility)

MAINTENANCE LOG

SERVICABLE TAGS

KENT STATE
UNIVERSITY

N752KS

AFTT: 3411.5

TACH: 178.4

Removed airframe battery P/N RG-35AXC S/N 40827138 and replaced with new P/N RG-35AXC S/N 41255620. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# KSU2023-00068. Date: 02/08/2023

Signed: Christopher Brinker Christopher Brinker, Certified Repair Station NX3R886D.

KENT STATE
UNIVERSITY

N752KS

AFTT: 3416.4

TACH: 183.3

Replaced missing storm window latch handle P/N 472-024, window latch pivot stud P/N 79572-002, washer P/N 408-826, and acorn nut P/N 477-696. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

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# KSU2023-00072. Date: 02/13/2023

Signed: Christopher Brinker Christopher Brinker, Certified Repair Station NX3R886D.

Closed this Log book on FEB 13 2023
AFTT 3416.4 Christopher Brinker
CRS NX3R886D