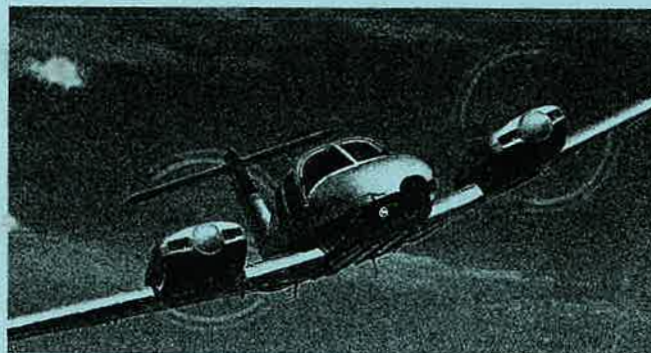


AIRFRAME



MAINTENANCE RECORDS


KENT STATE
UNIVERSITY



Airframe Maintenance Records

AIRCRAFT REGISTRATION NO. N751KS

AIRCRAFT MFG Piper MODEL PA-28R-201 SERIAL NO. 2844153

ENGINE MFG Cyconing MODEL IO-360-C166

PROPELLER MFG McCawley MODEL B2D34C213-B

ENGINE MFG _____ MODEL _____

PROPELLER MFG _____ MODEL _____

BOOK 1 OF _____

AIRCRAFT DESCRIPTION

Registration No. N751KS

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

Serial No.: 2844153 Type Certificate No.: 2A13

Colors: MATERN HORN WHITE & DARK BLUE MET. / GOLD MET.

Engine Manufacturer: LYCOMING Serial Numbers: Single L-36460-51E

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

Propeller Manufacturer: MCCAULEY Hub or Serial Number: Single 140482

Original Propeller Model: B2D34C213-B Left _____ Right _____

Blade Numbers

Left AIH26009 Right _____

AIH26010 _____

2014 MODEL

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature on Certificate N
All applicable Federal Aviation Administration Airworthiness Directives, through 81-Week 2014-23 have been complied with at the time of manufacture.		3.8	NOV 19 2014	
Signed: <u>Phillip L. Chapman</u>				
<u>Phillip L. Chapman</u> PIPER AIRCRAFT, INC.				

AIRFRAME MAINTENANCE LOG

DATE	T	AIRCRAFT LOG		WITH OF
		Date	Aircraft Time This Date Total	
NOV 19 2014		Brought Forward →	3.8	I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.
				The Altitude and Static System Test required by FAR 91.411 have been performed. The altimeter(s) have been tested:
				On (Pri) <u>10/20/14</u> (Sec) <u>9/23/14</u>
				<u>55,000 ft</u> <u>20,000 ft</u>
				The ELT is installed per FAR 91.207. Battery Replacement date: <u>NOV 2021</u>
				Dated: <u>NOV 19 2014</u>
				<u>Phillip L. Chapman</u> <u>Phillip L. Chapman</u> Piper Aircraft, Inc. Vero Beach, Florida
		Total To Carry Forward	3.8	

Registration No. N751KS

and Remarks	Signature	Certifica
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>841475</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>2844153</u> Date <u>11/4/14</u>		
The Automatic Pressure Altitude Reporting Equipment Test required by FAR Part 91.217 have been performed this date: <u>11/4/14</u>		
<u>Phillip L. Chapman</u> <u>Phillip L. Chapman</u> Piper Aircraft, Inc. Vero Beach, Florida		

PARTS TAG

Amsabe AIR Log entry on reverse

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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MAKE: Piper
MODEL: PA44-180
S/N: 2844153
REG. NO. N751KS
WORK ORDER:
2371-12-2014

Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, FL 32960
Phone: 772-567-4361 ext 2671

DATE: 12/17/2014
A/C TSN: 47
HOBBS: 47

Airframe Entries

Removed bent air cleaner cover assembly and installed new cover p/n 6745-000. installation acceptable.

Maintenance Release

The aircraft and/or component(s) on N751KS was repaired and inspected in accordance with current rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Repair Station, ZPAR410X, under Work Order No. 2371-12-2014, Dated 12/17/2014.

DATE: 12/17/2014

SIGNED:

Frank Adams

Work Order: 2371-12-2014

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KENT STATE
UNIVERSITY

N751KS

AFTT: 9.0
TACH: 9.0

Performed 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. 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: 12/23/2014

Signed:

Joshua Eyring

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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KENT STATE
UNIVERSITY

N751KS

AFTT: 10.1
TACH: 10.1

Replaced OEM landing light bulb with Whelen Parmetheus Plus LED Model P36P1L PMA'd P/N 01-0771833-10. Operations checked with no defects noted, per: Whelen Maintenance Manual Form 14793A.

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: 01/05/2015

Signed:

Charles Doyle

Charles Doyle A&P 3125891

KENT STATE
UNIVERSITY
AIRFRAME-PA-28R-201

N751KS

Time in Service :23.6

A/C TOTAL TIME :	23.6
ENG TOTAL TIME :	23.6
ENG T.S.M.O.H. :	N/A
TACH TIME :	23.6
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	23.6

Installed a new Tanis engine preheater kit P/N TAS100-03-771-DT-115, S/N 49232 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: 01/29/2015

Signed:

Lu Dong

Lu Dong A&P 3330485.

NEW AND SERVICABLE PARTS TAGS

Retain this section with aircraft records

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

N751KS

AFTT: 24.0
TACH: 24.0

Replaced RMG tube with new Goodyear G15/6.00x6 tube. All work performed IAW the Piper PA-28R-201 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: 02/04/2015

Signed: Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N751KS

AFTT: 24.0
TACH: 24.0

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

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
AIRFRAME-PA-28R-201

N751KS

Time in Service : 36.7

Reinstalled mixture control knob using correct part number screw. 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: 02/19/2015

Signed: Thomas S. Napoletano A&P 3007727

A/C TOTAL TIME : 36.7
ENG TOTAL TIME : 36.7
ENG T.S.M.O.H. : N/A
TACH TIME : 36.7

KENT STATE UNIVERSITY

N751KS

AFTT: 49.2
TACH: 49.2

Performed troubleshooting related to reduced power gear warning horn inop. Found switch actuator metal spring tab mis-positioned. Removed engine control quadrant cover and repositioned metal spring tab for proper switch actuation. Applied liberal amount of Lubriplate to spring tab surface to reduce friction. No further defects noted, 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: 02/27/2015

Signed: Joshua Eyring A+P 2761827.

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
AIRCRAFT, PA-28R-201

N751KS

Total Time in Service: 53.9

A/C TOTAL TIME:	<u>53.9</u>
ENG TOTAL TIME:	<u>53.9</u>
ENG T.S.M.O.H.:	<u>N/A</u>
TACH TIME:	<u>53.9</u>
PROP T.S.M.O.H.:	<u>N/A</u>
PROP TOTAL TIME:	<u>53.9</u>

PIPER

Complied with 50Hr Inspection Checklist

Inspected and serviced as needed: hydraulic fluid, battery, and tires. Inspected: induction air filter, interior and exterior lighting, brake linings, and calipers. Inspected interior and exterior airframe for general condition. 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: 03/03/2015

Signed: [Signature] Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N751KS

AFTT: 54.1
TACH: 54.1

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

Signed: [Signature] 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.
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KENT STATE UNIVERSITY

N751KS

AFTT: 55.2

TACH: 55.2

Removed plastic cover around flap handle and inspected flap handle lock track. Found metal burr between 25 and 40 degree notches. Dressed burr and lubricated. Flap handle found to now function properly. Reinstalled plastic cover around flap handle, no further defects noted. All work performed 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: 03/05/2015

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

KENT STATE UNIVERSITY

N751KS

AFTT: 91.0

TACH: 91.0

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

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NEW AND SERVICABLE PARTS TAGS

Mode
Serial
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Engin
Origin
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Origin

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 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service : 96.8

A/C TOTAL TIME : 96.8
ENG TOTAL TIME : 96.8
ENG T.S.M.O.H. : N/A
TACH TIME : 96.8
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 96.8

Complied with an Annual Inspection.

Serviced hydraulic systems, and tires. Removed aircraft battery, serviced, placed on charge, and reinstalled. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls, & landing gear. Insp. ELT & battery due date (11-2021). 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. Filed area beneath wing exit location of right aileron aft pushrod for proper clearance. Adjusted the following flight control cable tension 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 striping is undisturbed, determined to be acceptable at this time. Inspected condition and operation of Tanis engine preheater with no defects noted. Adjusted LMG and RMG downlock J-hook switches 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: 04/22/2015

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

KENT STATE
UNIVERSITY

N751KS

AFTT: 115.9
TACH: 115.9

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: [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.

KENT STATE
UNIVERSITY

N751KS

AFTT: 129.7

TACH: 129.7

Ran aircraft, and found governor stop to be set approx. 150 RPM low during full static run-up and during high speed taxi. Adjusted governor stop screw, and rigged propeller control level for proper travel. Adjusted reduced power gear warning switch as required to actuate at approx. 14 inched manifold pressure and below. Test flew aircraft, no further defects noted. 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: 05/05/2015

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

KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201

N751KS

Total Time in Service: 145.8

A/C TOTAL TIME : 145.8
ENG TOTAL TIME : 145.8
ENG T.S.M.O.H. : N/A
TACH TIME : 145.8
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 145.8

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. Removed aircraft clock P/N 548-868, S/N G14-11458. Installed new clock P/N 548-868, S/N M14-11610. Adjusted right cabin heat door actuating rod one full turn shorter. 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: 05/19/2015

Signed: [Signature] Charles Doyle A&P 3125891

KENT STATE
UNIVERSITY

N751KS

AFTT: 154.2
TACH: 154.2

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

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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N751KS

AFTT: 185.2
TACH: 185.2

Performed troubleshooting related to left fuel quantity gauge reading slightly less than half tanks when fuel level is actually full. Completely drained left fuel tank. Removed left outboard fuel quantity sender from tank and inspected/tested with ohm meter with no defects noted. Reinstalled outboard sending unit back in aircraft and tested operation with bent wire. Max indicated fuel level still shows slightly less than 1/2 tank. Used borescope, and visually inspected wiring leading to inboard left fuel level sending unit. Found aluminum pitot line touching and grounding out against left inboard fuel level sending unit center electrical connector stud and nut. Repositioned pitot line away from inboard sending unit electrical stud, and installed spiral wrap around pitot line. Complied with the left fuel quantity sender/gauge calibration using tolerance chart listed in the aircraft maintenance manual. Left fuel quantity sending unit reads within tolerance at all fuel levels. Visually inspected left outboard fuel quantity sending unit for leaks, none 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: 06/24/2015

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



N751KS

AFTT: 187.8
TACH: 187.8

Updated GPS Nav database, cycle expires 07-23-2015.
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: 06/25/2015

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

DA



N751KS

AFTT: 188.1
TACH: 188.1

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: 06/25/2015

Signed: [Signature] Lu Dong A&P 3330485



N751KS

AFTT: 189.7
TACH: 189.7

Replaced LMG tube with new P/N Goodyear tube G15/6.00*6 and repacked wheel bearings. 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: 06/26/2015

Signed: [Signature] Lu Dong A&P 3330485

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

I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **196.7**

A/C TOTAL TIME : **196.7**
ENG TOTAL TIME : **196.7**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **196.7**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **196.7**

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 (**11-2021**). 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. Repacked nose gear wheel bearings. Replaced flat-spotted left outboard wing aileron pulley with new P/N 481-614. Replaced flat spotted left aft wing root aileron pulley with new P/N 481-614. Replaced right side center (under rear seat panel) stabilator pulley with a new P/N 62711-003 due to flat spot. Tightened nose gear right aft drag brace nut required and installed new cotter pin. Adjusted right front seat, right rudder pedal cabin stop as required so that rudder makes proper contact with right rudder stop located in empennage. Measured rudder for proper travel using protractor. Replaced lower cowl bushing at upper cowling forward attach pin location with two new P/N MC69790-00. Shimmed LMG leg and RMG leg brake caliper flex hose clamp as required to retain position of both gear leg brake hydraulic hoses. 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: **07/7/2015**

Signed:  Joshua Eyring A+P 2761827 IA.

KENT STATE UNIVERSITY

N751KS

AFTT: **237.9**
TACH: **237.9**

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

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

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201
N751KS
Total Time in Service: **256.5**

A/C TOTAL TIME : **256.5**
ENG TOTAL TIME : **256.5**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **256.5**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **256.5**

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 velcro strap on cabin ceiling air ventilation channel with new. 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: **07/29/2015**

Signed:  Lu Dong A&P 3330485

PA28R

KENT STATE UNIVERSITY

I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **296.2**

A/C TOTAL TIME : **296.2**
ENG TOTAL TIME : **296.2**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **296.2**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **296.2**

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 (**11/2021**). 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 NLG tire with new Goodyear 5.00X5 6 ply FCIII, replaced tube with new Goodyear 5.00x5, and repacked wheel bearings. Inspected Tanis engine preheater operation/condition, no defect noted. Tightened right NLG trunnion bolt. Replaced left aileron outboard wing pulley with new P/N 481-614. Replaced right stabilator static wick with new P/N 494-678. Adjusted right aileron bellcrank up stop. 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: **08/18/2015**

Signed:  Charles Doyle A&P 3125891 IA.

PA28R

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

N751KS

AFTT: 305.2
TACH: 305.2

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

KENT STATE UNIVERSITY

AIRFRAME-PA28R-201

N751KS

Total Time in Service: 342.3

A/C TOTAL TIME :	<u>342.3</u>
ENG TOTAL TIME :	<u>342.3</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>342.3</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>342.3</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. Complied with **A.D. 84-26-02** (induction air filter) by replacing with new P/N 638876. Next due at AFTT of 842.3. Replaced RMG inboard and LMG 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: 09/01/2015

Signed: [Signature] Charles Doyle A&P 3125891

AIRFRAME MAINTENANCE LOG

DAI	TACH	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH
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KENT STATE UNIVERSITY

N751KS

AFTT: 370.3
TACH: 370.3

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

KENT STATE UNIVERSITY

N751KS

AFTT: 374.5
TACH: 374.5

Replaced oil door latch in upper cowling with new P/N 472-017 using four MS20426-AD3 rivets. No further defects noted, 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: 09/21/2015

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

KENT STATE UNIVERSITY

N751KS

AFTT: 384.1
TACH: 384.1

Removed rudder assembly due to multiple cracks in rudder skin. Sent rudder out to Tiffin Aire for skin replacement with a new skin Piper P/N 63396-802, painting, and balance. (Reference Tiffin Aire W/O# 5734 and form 337 dated 9-30-2015). Installed two new "Do Not Push" placards P/N 87341-002 on rudder. Reinstalled repaired rudder back on aircraft using new locknuts. Verified proper rudder travel. Complied with Piper **S.B. 1280** (Fire Extinguisher) by replacing fire extinguisher and bracket with new P/N 459-750. Weight & balance change is negligible. All work performed IAW the Piper Arrow III (S/N's 2844001 & Up) Maintenance Manual and applicable service bulletin instructions.

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: 10/5/2015

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

PAR

Item: 63396-802
Date: 4/2/2015
Piper
Genuine Piper Part
SKIN-RUDDER
Rev: _____
Lot: _____
S/N: _____

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

I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service: **396.0**

A/C TOTAL TIME :	396.0
ENG TOTAL TIME :	396.0
ENG T.S.M.O.H. :	N/A
TACH TIME :	396.0
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	396.0

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 (11/2021). 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. Complied with hydraulic fluid contamination check with no defects noted. Replaced left main tire with new Goodyear 6.00x6 6 ply Flight Custom III tire and repacked wheel bearings. Replaced LMG inboard brake lining with new P/N 066-10500. Replaced right main tire with new Goodyear 6.00x6 6ply Flight Custom III tire, replaced tube with new Goodyear 15.00 , 6.00x6 tube, and repacked wheel bearings. Replaced cabin heat shroud inlet hose 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: **10/14/2015**

Signed:  Charles Doyle A&P 3125891 IA

KENT STATE UNIVERSITY

N751KS

AFTT: **400.6**
TACH: **400.6**

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

AIRFRAME MAINTENANCE LOG

DA

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N751KS

Total Time in Service: **452.8**

A/C TOTAL TIME :	452.8
ENG TOTAL TIME :	452.8
ENG T.S.M.O.H. :	N/A
TACH TIME :	452.8
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	452.8

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

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Replaced RH outboard brake lining with new P/N 066-10500. 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: **10/28/2015**

Signed:  Lu Dong A&P 3330485

KENT STATE UNIVERSITY

N751KS

AFTT: **470.7**
TACH: **470.7**

Performed troubleshooting related to inop. right yoke PTT switch. Tested switch, no defects found. Found open in wiring between right yoke PTT switch and molex connector under RH instrument panel. Replaced both wire segments with new 22 gauge wire and wrapped in spiral wrap. Installed new molex connectors at lower wire ends. Secured wiring and performed operational test 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: **11/5/2015**

Signed:  Joshua Eyring A+P 2761827.

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

N751KS

AFTT: 475.8
TACH: 475.8

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

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

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 495.6

A/C TOTAL TIME :	<u>495.6</u>
ENG TOTAL TIME :	<u>495.6</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>495.6</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>495.6</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 (11/2021). 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 S.B. 1156 (nose gear drag link bolt/bearings) by visual inspection and replaced bolt with new P/N NAS464P4-27 with no defects noted. Next due at AFTT of 995.6. Complied with FAR 91.207 ELT inspection/test requirements with no defects noted. Complied with Amsafe DTC annual 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 left aileron secondary cable pulley with new P/N 481-614. 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: 12/02/2015

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

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

N751KS

AFTT: 513.6
TACH: 513.6

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

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

KENT STATE UNIVERSITY

AIRFRAME-PA28R-201

N751KS

Total Time in Service: 545.5

A/C TOTAL TIME :	<u>545.5</u>
ENG TOTAL TIME :	<u>545.5</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>545.5</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>545.5</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. Slightly adjusted stall warning vane to actuate with full vane deflection. Replaced one post light bulb over tachometer with a new P/N 330 bulb. Re-flared MAP sense line at #3 cylinder connection. 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: 12/14/2015

Signed: [Signature] Joshua Eyring A+P 2761827

KENT STATE UNIVERSITY

N751KS

AFTT: 562.2
TACH: 562.2

Removed propeller spinner from aircraft and sent to Tiffin Aire for repaint. Reinstalled propeller spinner on aircraft. 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: 01/05/2016

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

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE



N751KS

DA: AFTT: 565.8
TACH: 565.8

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



I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service: 595.5

A/C TOTAL TIME :	<u>595.5</u>
ENG TOTAL TIME :	<u>595.5</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>595.5</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>595.5</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 (**11/2021**). 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 cabin heat shroud inlet boot with new 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: 01/27/2016

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



N751KS

AFTT: 605.8
TACH: 605.8

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: [Signature] 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
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N751KS

AFTT: 639.8
TACH: 639.8

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



AIRFRAME-PA28R-201

N751KS

Total Time in Service: 645.1

A/C TOTAL TIME :	<u>645.1</u>
ENG TOTAL TIME :	<u>645.1</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>645.1</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>645.1</u>

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. Cleaned and lubed yoke shafts. 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. 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: 03/08/2016

Signed: [Signature] Joshua Eyring A+P 2761827



N751KS

AFTT: 670.1
TACH: 670.1

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

AIRFRAME MAINTENANCE LOG



I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **695.5**

A/C TOTAL TIME : **695.5**
ENG TOTAL TIME : **695.5**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **695.5**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **695.5**

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 (11-2021). 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 NG, LMG and RMG wheel bearings. Replaced LMG and RMG brake linings with four new P/N 066-10500. Replaced nose gear upstop bumper with new P/N 37970-005. Replaced LH outboard aileron control cable pulley with new P/N 481-614. Installed POH revisions 26 and 27. Replaced RH front seat Amsafe inflatable restraint assembly with new P/N 7046-1-021-2396. Complied with Amsafe DTC annual inspection, next due: 04-2017. Replaced RH aileron bellcrank upper cap with new P/N 453-966. 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: **04/21/2016**

Signed: Lu Dong A&P 3330485 IA.



AFTT: **714.8**
TACH: **714.8**

N751KS

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: 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.



AIRFRAME-PA28R-201

N751KS

Total Time in Service: **745.2**

A/C TOTAL TIME : **745.2**
ENG TOTAL TIME : **745.2**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **745.2**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **745.2**

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. Cleaned and lubed yoke shafts. Replaced "Emergency Gear Lever" placard with new. 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: **05/17/2016**

Signed: Joshua Eyring A+P 27618267



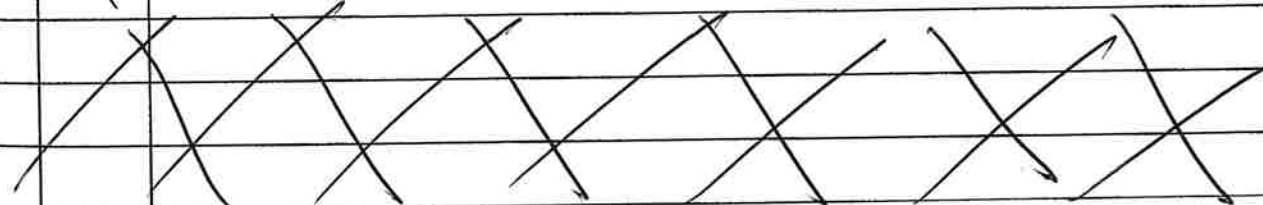
AFTT: **770.2**
TACH: **770.2**

N751KS

Updated GPS Nav database, cycle expires 06-23-2016.

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: **05/25/2016**

Signed: Thomas S. Napoletano A&P 3007727



**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 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service: **795.4**

A/C TOTAL TIME :	795.4
ENG TOTAL TIME :	795.4
ENG T.S.M.O.H. :	N/A
TACH TIME :	795.4
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	795.4

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 (**11/2021**). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Complied with **A.D. 84-26-02** (induction air filter) by replacement with new P/N 638876. 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. Replaced alternator brush set with new P/N ALE-1013AS. Replaced left wing fuel cap gasket with new P/N CA66815-000. Complied with hydraulic fluid contamination check with no defects noted. Installed Piper Revision 28, dated 4/11/2016, in Pilot's Operating Handbook. Adjusted left aileron up stop. 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: **06/07/2016**

Signed: Charles Doyle A&P 3125891 IA.

PA28R



N751KS

AFTT: **801.7**
TACH: **801.7**

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: Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG



N751KS

AFTT: **811.8**
TACH: **811.8**

Replaced RH front seat lock pin control cable with new P/N 554-422. 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: **07/11/2016**

Signed: Lu Dong A&P 3330485.



N751KS

AFTT: **826.2**
TACH: **826.2**

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: **07/20/2016**

Signed: Thomas S. Napoletano A&P 3007727



AIRFRAME-PA28R-201

N751KS

Total Time in Service: **844.8**

A/C TOTAL TIME :	844.8
ENG TOTAL TIME :	844.8
ENG T.S.M.O.H. :	N/A
TACH TIME :	844.8
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	844.8

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. 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: **08/05/2016**

Signed: Charles Doyle A&P 3125891

PA28R

AIRFRAME MAINTENANCE LOG



N751KS

AFTT: 852.9
TACH: 852.9

Cleaned, lubed and rigged nose gear down lock switch 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: 08/12/2016

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

WITH
ER OF



N751KS

AFTT: 853.7
TACH: 853.7

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



N751KS

AFTT: 853.7
TACH: 853.7

Replaced landing gear warning horn with new P/N 565-288. Operations 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. Date: 08/17/2016

Signed: [Signature] 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.
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N751KS

AFTT: 860.3
TACH: 860.3

Replaced auxiliary fuel pump motor with new Piper P/N 761-599. Leak and 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: 08/24/2016

Signed: [Signature] Charles Doyle A&P 3125891



N751KS

AFTT: 890.8
TACH: 890.8

Found LMG downlock switch all three wires broken, installed three new terminal lugs. 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: 09/09/2016

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



N751KS

AFTT: 892.8
TACH: 892.8

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: [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 REPAIR STATION NUMBER OR SIGNATURE PERSON PERFORMED
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AIL MFG: <u>UNITEL</u> AIL P/N: <u>5934-00-3</u> AIL S/N: <u>505321</u> A/C N #: <u>N751KS</u>	Steiner Aviation International 5430 Lauby Road, Hangar 17 North Canton, OH 44720 CRS V4NR896Y	Date: <u>9-29-16</u> WO #: <u>10498</u> T.T.: <u>893.7</u> H2665 T.T.: <u>10</u>
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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" IF APPLICABLE

#1
TXP MAKE Garmin MODEL 89497975 TSO C
#2
TXP MAKE Garmin MODEL 89497975 TSO C
SERIAL # 20618599 #2 S/N 20618599
STEINER AVIATION INTERNATIONAL
CRS V4NR896Y

SIGNED: [Signature]
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 Administration and is approved for return to service. Pertinent details of the repair are on file at the repair station under

Work Order Number 10498 CERTIFIED AIR DATA COMPUTED
Date 9-29-16 Time 893.7 FAR 43 APPENDIX "E", (2)

Signed: [Signature] MAKE Garmin MOD. G
STEINER AVIATION INTERNATIONAL INC CRS V4NR896Y #1 S/N 20618599 #2 S/N 20618599

KENT STATE
UNIVERSITY

AFTT: 893.7
TACH: 893.7

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: 10/07/2016

Signed: [Signature] 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.
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KENT STATE
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 893.7

A/C TOTAL TIME :	<u>893.7</u>
ENG TOTAL TIME :	<u>893.7</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>893.7</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>893.7</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 (11-2021). 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. Checked torque on all landing gear trunion plate mount bolts. Repacked all three landing gear wheel bearings. Performed normal and emergency gear swings with no defects noted. Replaced left wing outboard aileron pulley with new P/N 481-614, and pulley bearing with new P/N 62713-002. Adjusted rudder cable tension as required and installed turnbuckle safety clips. Secured loose screw at upper cabin door pull handle. Tightened loose alternator belt as required. 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: 10/10/2016

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

KENT STATE
UNIVERSITY

N751KS

AFTT: 902.2
TACH: 902.2

Updated GPS Nav database, cycle expires 11-10-2016.

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: 10/13/2016

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

KENT STATE
UNIVERSITY

N751KS

AFTT: 914.6
TACH: 914.6

Replaced LH landing gear downlock switch terminal lugs with three new, and repositioned the wiring bundle. 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: 10/24/2016

Signed: [Signature] Lu Dong A&P 3330485

AIRFRAME MAINTENANCE LOG

FOR	N	030	060	E	120	150
STEER	359	029	058	090	121	151
FOR	S	210	240	W	300	330
STEER	180	210	241	272	303	332
DATE	11/28/2016					Radios On

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

N751KS

AFTT: 943.8
TACH: 943.8

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

N751KS

Total Time in Service: 943.8

A/C TOTAL TIME : 943.8
ENG TOTAL TIME : 943.8
ENG T.S.M.O.H. : N/A
TACH TIME : 943.8
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 943.8

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. Performed compass swing/calibration and updated correction card. Replaced LMG tire with new Goodyear 6.00x6 FCIII 6 ply tire, replaced brake disc with new P/N RA164-02000 and 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: 11/28/2016

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

N751KS

AFTT: 957.0
TACH: 957.0

Secured clock post light lens cover with adhesive. Removed baggage door lock from aircraft and cleaned tumblers. Reinstalled baggage door lock and ops tested with no defects noted. All work performed IAW the Piper Arrow Maintenance Manual (S/N 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: 12/6/2016

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

KENT STATE
UNIVERSITY

N751KS

AFTT: 960.5
TACH: 960.5

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

KENT STATE
UNIVERSITY

N751KS

AFTT: 960.5
TACH: 960.5

Removed Gill battery P/N G-35, S/N G02820153. Installed Concorde Battery P/N RG-35AXC, S/N 40827135 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: [Signature] Joshua Eyring A+P 2761827.

AIRFRAME MAINTENANCE LOG



N751KS E

AFTT: 969.4
TACH: 969.4

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. 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: 01/09/2017

Signed: [Signature] Lu Dong A&P 3330485

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N751KS

AFTT: 972.4
TACH: 972.4

Replaced RH recognition light with new P/N 01-0770110-04. 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: 01/11/2017

Signed: [Signature] Lu Dong A&P 3330485



N751KS

AFTT: 969.4
TACH: 969.4

Replaced ELT antenna with new P/N 110-773. 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: 01/09/2017

Signed: [Signature] Lu Dong A&P 3330485

AIRFRAME MAINT



I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service : 988.6

A/C TOTAL TIME :	988.6
ENG TOTAL TIME :	988.6
ENG T.S.M.O.H. :	N/A
TACH TIME :	988.6
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	988.6

Complied with an Annual Inspection. Serviced hydraulic systems and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (11/2021). 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. 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. Desludged propeller after propeller removal, and reinstalled this propeller with new O-ring P/N A1633-11. Replaced CO detector with new unit. Removed standby attitude indicator P/N 9015607, S/N G14-10453, installed a new standby attitude indicator P/N 9015607, S/N A17-11014. Replaced RH flap static wick with new P/N 494-678. Adjusted stabilator cable tension as required. Replaced RMG tire and brake disc with new P/N Goodyear tire 6.00*6*6 FCIII and RA164-02000, and repacked wheel bearings. Replaced clock fuse with new unit. 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: 01/27/2017

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

NEW AND SERVICABLE
PARTS TAGS

It is important to understand that the existence of this document
Where the user/installer performs work in accordance with the n
user/installer ensures that his/her airworthiness authority accept
Statements in Blocks 13a and 14a do not constitute installation c

NEW AND SERVICABLE PARTS TAGS



N751KS

AFTT: 969.4
TACH: 696.4

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

WITH
R OF



N751KS

AFTT: 988.9
TACH: 988.9

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: Joshua Eyring A+P 2761827. Date: 01/30/2017



N751KS

AFTT: 1014.0
TACH: 1014.0

Replaced reduced throttle gear warning switch actuator tab with new P/N 451-834. Adjusted switch positioning to original orientation. 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: 2/18/2017

Signed: Joshua Eyring A+P 2761827.



N751KS

Total Time in Service: 1038.1

A/C TOTAL TIME :	<u>1038.1</u>
ENG TOTAL TIME :	<u>1038.1</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1038.1</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1038.1</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 RMG brake linings with two 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: 03/01/2017

Signed: Lu Dong A&P 3330485

PA28R



N751KS

AFTT: 1038.1
TACH: 1038.1

Removed standby attitude indicator P/N 4300-411, S/N F14-10291 and sent to Naylor's Instrument Service for repair under W/O# 24003 dated 3-2-2017. Reinstalled same indicator back in aircraft after repair and performed operational check with no defects noted. Updated both GPS navigation databases and G500 navigation database with an expiration date of 03-30-2017. Updated all obstacle databases, Airport Directory, and Safe Taxi database with an expiration date of 04-27-2017. All work performed IAW the Piper PA-28R-201 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: 03/03/2017

Signed: Joshua Eyring A+P 2761827.

NEW AND SERVICABLE PARTS TAGS

9. Quantity:	1	10. Serial Number:	F14-10291	11. Status/Work:	REPAIRED
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AIRFRAME MAINTENANCE LOG



N751KS

AFTT: 1045.3
TACH: 1045.3

Replaced LH front seat lock pin control cable with new 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: 03/13/2017

Signed: [Signature] Lu Dong A&P 3330485

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R OF



N751KS

AFTT: 1064.1
TACH: 1064.1

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: 03/28/2017

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



I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service :1087.6

A/C TOTAL TIME : 1087.6
ENG TOTAL TIME : 1087.6
ENG T.S.M.O.H. : N/A
TACH TIME : 1087.6
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1087.6

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 (11/2021). 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. Complied with Amsafe DTC inspection/check with no defects noted. Cleaned and repacked NG and LMG wheel bearings. Replaced inoperative gear warning horn with new P/N 565-288. Removed RH fuel tank, removed, cleaned and reinstalled inboard and outboard sending units, reinstalled fuel tank and complied with full range gauge check with no defects noted. Replaced cabin heat shroud inlet hose with new P/N 565-447. Replaced eroded forward muffler with PMA P/N A67517-00. Replaced propeller governor control rod end with new P/N 89307-000. Replaced Type "C" hoses with new Type "D" hoses for electric fuel pump to servo new P/N AE3660061G0133 and the oil pressure sense line new P/N AE3660001E0130. Leak and ops 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. Date: 04/20/2017

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

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.



N751KS

AFTT: 1110.7
TACH :1110.7

Updated GPS navigation databases and G500 Navigation databases, next cycle expires 5-25-2017. Updated Safetaxi, Airport Directory, and Obstacle databases as required, next cycle expires 6-22-2017.

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 04/26/2017



AIRFRAME-PA28R-201

N751KS

Total Time in Service: 1145.3

A/C TOTAL TIME : 1145.3
ENG TOTAL TIME : 1145.3
ENG T.S.M.O.H. : N/A
TACH TIME : 1145.3
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1145.3

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. Cleaned and lubed yoke shafts. Adjusted left front seat belt male buckle end for proper orientation as it relates to belt webbing. 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: 05/10/2017

Signed: [Signature] Joshua Eyring A+P 27618267



N751KS

AFTT: 1180.4
TACH: 1180.4

Cleaned left front seat belt upper inertial mechanism. Performed multiple seat belt extensions/retractions with no further defects noted. All work performed IAW the Piper Arrow (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: 05/23/2017

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

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

N751KS

AFTT: 1178.7
TACH: 1178.7

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

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 05/24/2017

KENT STATE UNIVERSITY

I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service: 1187.1

A/C TOTAL TIME :	<u>1187.1</u>
ENG TOTAL TIME :	<u>1187.1</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1187.1</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1187.1</u>

Complied with an **Annual Inspection**.

Serviced hydraulic systems and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (11/2021). 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. Complied with hydraulic contamination check with no defects noted. Replaced right recognition light with new P/N 01-0770110-04. Replaced worn left rudder control assembly torque tube bolt with new P/N NAS6604-15. 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: 06/08/2017

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

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

N751KS

AFTT: 1217.5
TACH: 1217.5

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

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 06/20/2017

KENT STATE UNIVERSITY

AIRFRAME-PA28R-201

N751KS

Total Time in Service: 1241.9

A/C TOTAL TIME :	<u>1241.9</u>
ENG TOTAL TIME :	<u>1241.9</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1241.9</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1241.9</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 with no defects noted. Cleaned and lubed yoke shafts. Inspected and weighted, and updated service tag date for fire extinguisher. Cleaned and lubed propeller control cable. 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: 07/06/2017

Signed: [Signature] Joshua Eyring A+P 27618267

KENT STATE UNIVERSITY

N751KS

AFTT: 1261.1
TACH: 1261.1

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

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

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 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service: **1286.6**

A/C TOTAL TIME : **1286.6**
ENG TOTAL TIME : **1286.6**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **1286.6**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1286.6**

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 (11/2021). 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. Complied with **A.D. 84-26-02** (induction air filter) by replacement of filter with new P/N 638876, next due at AFTT: **1786.6**. Replaced lower nose gear steering limit placard with new Piper P/N 582-783. Replaced worn right side upper cowling pin bushing with new P/N MC69790-00. Replaced cracked landing light lens with new P/N 68-3971486A-30. Replaced induction airbox cover fastener with new Piper P/N 487-723. Replaced cabin heat shroud inlet hose with new Piper P/N 565-447. Replaced nose tire with new 5.00x5 Goodyear 6 ply FCIII tire, new 5.00x5 tube 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: **08/15/2017**

Signed:  Charles Doyle A&P 3125891 IA

KENT STATE UNIVERSITY

N751KS

A/C TOTAL TIME : **1286.8**
ENG TOTAL TIME : **1286.8**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **1286.8**

Inspected aircraft and engine records for applicability of Lycoming **AD 2017-16-11** (Connecting Rod Bushings) and Lycoming **S.B. 632B** (Connecting Rod Bushings). Engine was last shipped new from Lycoming and was not overhauled or repaired during affected date range and does not appear in affected engine tables. No further action is required.

Signed:  Joshua Eyring A+P 2761827 Date: **08/15/2017**

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

N751KS

AFTT: **1292.9**
TACH: **1292.9**

Updated GPS Nav database, cycle expires 09-14-2017 and obstacle, safe taxi and airport directory databases (expire 10-12-2017).

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: **08/16/2017**

Signed:  Thomas S. Napoletano A&P 3007727

KENT STATE UNIVERSITY

AIRFRAME-PA28R-201

N751KS

Total Time in Service: **1344.1**

A/C TOTAL TIME : **1344.1**
ENG TOTAL TIME : **1344.1**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **1344.1**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1344.1**

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. Replaced federal aircraft registration with renewed registration with an expiration date of 01-31-2021. 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: **09/05/2017**

Signed:  Joshua Eyring A+P 27618267

KENT STATE UNIVERSITY

N751KS

AFTT: **1362.4**
TACH: **1362.4**

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

SERVICABLE PARTS TAGS

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

N751KS

AFTT: 1412.1

TACH: 1412.1

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

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

KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201
N751KS
Total Time in Service: 1436.8

A/C TOTAL TIME :	<u>1436.8</u>
ENG TOTAL TIME :	<u>1436.8</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1436.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1436.8</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: 11/15/2017

Signed:  Charles Doyle A&P 3125891

KENT STATE
UNIVERSITY

N751KS

AFTT: 1475.5

TACH: 1475.5

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

PARTS TAGS

KENT STATE
UNIVERSITY

N751KS

AFTT: 1386.3

TACH: 1386.3

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:  Thomas S. Napoletano A&P 3007727

KENT STATE
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 1386.3

A/C TOTAL TIME :	<u>1386.3</u>
ENG TOTAL TIME :	<u>1386.3</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1386.3</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1386.3</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 (11/2021). 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. Cleaned and repacked RMG and LMG wheel bearings. Replaced both RMG and both LMG brake linings with new P/N 066-10500. Replaced NG up stop with new P/N 37970-005. Replaced LMG door hinge pin with new P/N 63744-011. Replaced engine oil door latch striker plate with new P/N 99094-004. Replaced induction airbox cover with new P/N 67745-000. Serviced all three landing gear struts 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: 10/25/2017

Signed:  Charles Doyle A&P 3125891 IA

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS



I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service : **1485.9**

A/C TOTAL TIME : **1485.9**
ENG TOTAL TIME : **1485.9**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **1485.9**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **1485.9**

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** by inspecting and testing ELT on both 121.5 MHZ and 406 MHZ by using **www.406test.com** website. Generated ELT test report from website with no defects noted, next due **12/2018**. ELT battery expires **11/2021**. 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. Complied with **S.B. 1156** (nose gear drag link bolt) by replacing bolt with new P/N NAS464P4-27 and bushings with new Piper P/N 452-800, next due **AFTT 1985.9**. Complied with Standby Attitude Indicator battery capacity check with no defects noted. Replaced left aileron outboard pulley with new Piper P/N 481-614. Replaced CO detector with new unit. 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: **12/18/2017**

Signed: Charles Doyle A&P 3125891 IA



AFTT: **1493.1**
TACH: **1493.1**

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.
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N751KS

AFTT: **1503.4**
TACH: **1503.4**

Replaced right recognition light assembly with new P/N 01-0770110-04. 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: **01/08/2018**

Signed: Charles Doyle A&P 3125891



N751KS

AFTT: **1503.4**
TACH: **1503.4**

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



N751KS

AFTT: **1512.9**
TACH: **1512.9**

Replaced left main tire inner tube with new P/N G15/6.00x6. Cleaned and repacked wheel bearings. 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: **01/19/2018**

Signed: Charles Doyle A&P 3125891

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

N751KS

AFTT: 1521.0
TACH: 1521.0

Replaced the prop governor control rod end with new P/N 89307-000. 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. Date: 01/26/2018

Signed: Sarah Boyd Sarah Boyd A&P 3762407

KENT STATE UNIVERSITY

N751KS

AFTT: 1523.2
TACH: 1523.2

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 Thomas S. Napoletano A&P 3007727

AIRFRAME MAINTENANCE LOG

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N751KS

Total Time in Service: 1542.1

A/C TOTAL TIME :	<u>1542.1</u>
ENG TOTAL TIME :	<u>1542.1</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1542.1</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1542.1</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: 02/14/2018

Signed: Lu Dong Lu Dong A&P 3330485

KENT STATE UNIVERSITY

N751KS

AFTT: 1542.6
TACH: 1542.6

Removed standby attitude indicator P/N 4300-411, S/N F14-10291 and replaced it with an inspected/previously overhauled unit P/N 4300-411, S/N M15-11265. 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: 02/16/2018

Signed: Sarah Boyd Sarah Boyd 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.
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KENT STATE UNIVERSITY

N751KS

AFTT: 1554.3
TACH: 1554.3

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

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 2/27/2018

KENT STATE UNIVERSITY

N751KS

AFTT: 1582.8
TACH: 1582.8

Replaced oil door latch with new P/N 472-017 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: 03/15/2018

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

KENT STATE UNIVERSITY

N751KS

AFTT: 1585.8
TACH: 1585.8

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: 03/27/2018

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

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 1585.8

A/C TOTAL TIME :	<u>1585.8</u>
ENG TOTAL TIME :	<u>1585.8</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1585.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1585.8</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 (11/2021). 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. Complied with S.B. 1313A (stab trim cable pulley support) with no defects noted. Complied with hydraulic fluid contamination check with no defects noted. Installed VB-1612 revision 30 dated 26 Feb 2018 in pilot's operating handbook. Removed McCauley propeller assembly P/N B2D34C213-B, S/N 140482 for leaks at hub and blade roots. Repaired by Sensenich Propeller Service, Inc. under W/O L29442 and reinstalled on this aircraft. Serviced nose strut with nitrogen. Replaced right main tire with new Goodyear 6.00x6 FCIII 6 ply tire, tube with new P/N G15/6.00x6, cleaned and repacked wheel bearings. Replaced left main tire with new Goodyear 6.00x6 FCIII 6 ply tire, cleaned and repacked wheel bearings. Cleaned and repacked nose wheel bearings and replaced axle nut clevis pin with new P/N MS20392-1C19. Replaced alternator brushes with new set P/N ALE-1013AS. Verified A.D.2018-07-03 (fuel tank selector placards) compliance by verifying previous compliance with S.B 1309 on 1/16/2018 at AFTT 1503.4. 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: 04/09/2018

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

KENT STATE UNIVERSITY

N751KS

AFTT: 1586.2
TACH: 1586.2

Complied with Amsafe DTC inspection/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: 04/09/2018

Signed: [Signature] Charles Doyle A&P 3125891

PARTS TAGS

MAINTENANCE LOG

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

N751KS

Total Time in Service: 1643.3

A/C TOTAL TIME : 1643.3
ENG TOTAL TIME : 1643.3
ENG T.S.M.O.H. : N/A
TACH TIME : 1643.3
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1643.3

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Replaced ammeter backlight bulb with new P/N 336. Interior & exterior airframe inspected for general condition with no defects noted. All work performed IAW the PA28R-201 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: 05/02/2018

Signed: Joshua Eyring A+P 2761827

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service :1685.0

A/C TOTAL TIME : 1685.0
ENG TOTAL TIME : 1685.0
ENG T.S.M.O.H. : N/A
TACH TIME : 1685.0
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1685.0

Complied with an Annual Inspection.

Serviced hydraulic systems and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (11-2021). 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 LMG and RMG brake linings with four new P/N 066-10500. Replaced #3and #4 exhaust riser with new P/N K67812-00 and K67811-00. Replaced aft muffler with new P/N A67517-00. Replaced one grease fitting on LMG with new P/N MS15002-3. Reinstalled cabin step with new attach hardware. 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: 05/22/2018

Signed: Lu Dong A&P 3330485 IA

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

N751KS

AFTT: 1685.3

TACH: 1685.3

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

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

KENT STATE UNIVERSITY

N751KS

AFTT: 1709.1

TACH: 1709.1

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: Sarah Boyd A&P 3762407

KENT STATE UNIVERSITY

N751KS

AFTT: 1710.3

TACH: 1710.3

Removed and replaced the electric fuel pump motor with new 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. Date: 6/7/2018

Signed: Sarah Boyd A&P 3762407

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS

KENT STATE
UNIVERSITY

N751KS

1/TH
OF

AFTT: 1725.1
TACH: 1725.1

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

KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201

N751KS

Total Time in Service: 1734.2

A/C TOTAL TIME : 1734.2
ENG TOTAL TIME : 1734.2
ENG T.S.M.O.H. : N/A
TACH TIME : 1734.2
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1734.2

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. Inspected and recertified fire extinguisher. 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: 06/29/2018

Signed: [Signature] Lu Dong A&P 3330485

KENT STATE
UNIVERSITY

N751KS

AFTT: 1754.9
TACH: 1754.9

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

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

N751KS

AFTT: 1775.1
TACH: 1775.1

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 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : 1784.8

A/C TOTAL TIME : 1784.8
ENG TOTAL TIME : 1784.8
ENG T.S.M.O.H. : N/A
TACH TIME : 1784.8
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1784.8

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 (**11/2021**). 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. Complied with **A.D. 84-26-02** (induction air filter) by replacement with new P/N 638876, next due AFTT of **2284.8**. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted, next due AFTT of **2984.8**. Replaced landing light lens with new PMA P/N 68-3971486A-30. Replaced lower cowling right bushing kit with new P/N MC69790-00. 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: 07/27/2018

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

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201
N751KS

Total Time in Service: **1843.7**

A/C TOTAL TIME : **1843.7**
 ENG TOTAL TIME : **1843.7**
 ENG T.S.M.O.H. : **N/A**
 TACH TIME : **1843.7**
 PROP T.S.M.O.H. : **N/A**
 PROP TOTAL TIME : **1843.7**

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 regulations of the Federal Aviation Administration and is approved for return to service. Date: **8/21/18**

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

Alt. MFG: **Garmin/United**
 Alt. P/N: **60074A / 5934PD-3**
 Alt. S/N: **20618599 / 505521**
 A/C N#: **N751KS**

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

Date: **8/21/18**
 WO #: **11816**
 T.T.: **1856.4 Tech**
 T.L.: **N/A**

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 **20000** 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 IF APPLICABLE

#1 TXP MAKE **Garmin** MODEL **GTX330** SERIAL # **8447975** TSO **C112**
 #2 TXP MAKE **11** MODEL **11** SERIAL # **11** TSO **11**
 STEINER AVIATION INTERNATIONAL INC CRS V4NR896Y

SIGNED: **[Signature]**
 DATE **8/21/18** 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 station under

Work Order Number **11816**
 Date **8/21/18** Time **1856.4**

Signed: **[Signature]**
 STEINER AVIATION INTERNATIONAL INC CRS V4NR896Y

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

MAKE **11** MOD. **11**
 #1 S/N **11** #2 S/N **11**

ALTITUDE SCALE Correction Card

STANDARD ALTITUDE FT.	ALTITUDE READING
-1000	-1010
0	0
500	490
1000	980
1500	1470
2000	1960
3000	2950
4000	3940
6000	5920
8000	7900
10000	9880
12000	11860

ALTITUDE SCALE Correction Card

STANDARD ALTITUDE FT.	ALTITUDE READING
1000	-1010
0	0
500	500
1000	1000
1500	1500
2000	2000
3000	3000
4000	4000
6000	6000
8000	8000
10000	10000
12000	12000

FITS AN5800 HOLDER P/N 22628

DATE **8/21/18**

AIRFRAME MAINTENANCE LOG

KENT STATE UNIVERSITY

I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
 Time in Service: **1882.7**

A/C TOTAL TIME : **1882.7**
 ENG TOTAL TIME : **1882.7**
 ENG T.S.M.O.H. : **N/A**
 TACH TIME : **1882.7**
 PROP T.S.M.O.H. : **N/A**
 PROP TOTAL TIME : **1882.7**

Complied with an **Annual Inspection.**

Serviced hydraulic systems and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (**11-2021**). Cleaned and inspected fuel system gascolator and reinstalled. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. In operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with **Piper S.B. 1242** (Rudder Bar Inspection) by visual inspection with no defects noted. Replaced LH aileron outboard and inboard cable pulleys with two new P/N 481-614. Replaced LMG inboard and outboard brake linings with two new P/N 066-10500. Replaced RMG inboard brake lining with new P/N 066-10500. Rerouted RMG downlock switch wiring bundle as required and replaced all three terminal lugs. Replaced front muffler and #1 exhaust riser with new P/N A67517-00 and P/N A67809-00. 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: **09/03/2018**

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

KENT STATE UNIVERSITY

N751KS

AFTT: **1896.3**
 TACH: **1896.3**

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: **[Signature]** 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.

KENT STATE UNIVERSITY

N751KS

AFTT: 1927.0
TACH: 1927.0

Replaced weak landing gear pump circuit breaker with new P/N:652-409. Performed normal and emergency gear cycle, no defects noted. All work was performed IAW 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: 09/021/18

Signed: Maxine Gibson AP4003865.

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N751KS

Total Time in Service: 1931.2

A/C TOTAL TIME : 1931.2
ENG TOTAL TIME : 1931.2
ENG T.S.M.O.H. : N/A
TACH TIME : 1931.2
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1931.2

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 RMG outboard brake lining with new P/N 066-10500. Repositioned front muffler. 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: 09/26/2018

Signed: Lu Dong A&P 3330485

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with a 100 Hour Inspection and was found to be in an airworthy condition.
Time in Service : 1982.1

A/C TOTAL TIME : 1982.1
ENG TOTAL TIME : 1982.1
ENG T.S.M.O.H. : N/A
TACH TIME : 1982.1
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1982.1

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 (11/2021). 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. Complied with S.B. 1331 (Stab idler arm assy) with no defects noted. Complied with S.B. 1242 (Rudder bar Insp) with no defects noted. Complied with S.B. 1156 (NLG drag link bolt/bearing) replaced the bolt with new P/N NAS464P4-27 and bushings with new P/N 452-800. Complied with S.B. 1244A (Wing aft attach fitting insp) with no defects noted. Performed hydraulic fluid contamination check with no defects noted. Performed a detailed inspection of the cabin interior, using a borescope, with no defects noted. Cleaned and repacked the left main, right main, and nose wheel bearings. Complied with compass swing/calibration and updated deviation cards. Performed normal and emergency gear swings with no defects noted. Replaced the left outboard aileron pulley with new P/N 481-614. Replaced the aft right stab trim pulley with new P/N 481-613. Replaced worn flash logo on vertical stabilizer with new vinyl decal. 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: 11/01/2018

Signed: Sarah Boyd A&P 3762407

KENT STATE UNIVERSITY

N751KS

AFTT: 1986.4
TACH: 1986.4

Updated GPS navigation databases, cycle expires 12/6/2018. Updated Obstacle, Safetaxi, and airport directory database, expires 1/3/2019.

Signed: Joshua Eyring A+P 2761827. Date: 11/5/2018

NEW AND SERVICABLE PARTS TAGS

FOR	N	030	060	E	120	150
STEER	360	029	059	090	120	149
FOR	S	210	240	W	300	330
STEER	180	210	238	271	303	333
DATE	11/1/2018 Radios On					

AIRFRAME MAINTENANCE LOG



N751KS

AFTT: 1990.9
TACH: 1990.9

Replaced nose gear inner and outer return springs with new P/N 487-483 and P/N 487-484, and adjusted RH pivot bolt 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: 11/08/2018

Signed: [Signature] Lu Dong A&P 3330485



N751KS

AFTT: 2002.0
TACH: 2002.0

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



Total Time in Service: 2040.0

A/C TOTAL TIME : 2040.0
ENG TOTAL TIME : 2040.0
ENG T.S.M.O.H. : N/A
TACH TIME : 2040.0
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 A.D. 84-26-02 (induction air filter) by replacing with new P/N 638876, next due 2540.0. Complied with FAR 91.207 (ELT Insp/Test) with no defects noted. Complied with Sutton Scimitar Propeller Conversion STC SA0255CH by removing the McCauley propeller P/N B2D34C213-B, S/N 140482 and installing a new Hartzell propeller P/N HC-C2YR-1BFP/F7497, S/N NS4160B in accordance with Professional Pilots Inc. instructions. (See FAA 337 dated 1/4/2019). Installed Aircraft Flight Manual supplement in aircraft POH. Updated aircraft weight and balance. Adjusted prop governor stop screw 3/4 turn clockwise (in). Complied with Standby Attitude Indicator battery capacity check with no defects noted. Replaced static jumper on right flap with new Piper P/N 494-678. Updated GPS nav databases, cycle expires 1/31/2019 and the obstacle, airport directory, safe taxi databases, cycle expires 2/28/2019. 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: 01/04/2019

Signed: [Signature] Charles Doyle A&P 3125891

AIRFRAME MAINTENANCE LOG

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

Steiner Aviation International, Inc.
5430 Lauby Rd.
North Canton, Ohio 44720
CRS V4NR896Y
Airframe Logbook Entry
DATE 15/Jan/2019
WO # 12062
T.T. 2326.0
T.L. N/A

Removed the existing Garmin GTX 330 transponder.
Installed a new Garmin GTX 345 P/N 011-03302-00 S/N 3EG024636.
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. 10 dated Feb. 28,2018 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 12062
DATE 15/Jan/2019 Time 2326.0
Signed [Signature]
Steiner Aviation International, Inc. V4NR896Y
5430 Lauby Rd. North Canton, Ohio 44720

Steiner Aviation International, Inc.
5430 Lauby Rd.
North Canton, Ohio 44720
CRS V4NR896Y
Airframe Logbook Entry
DATE 15/Jan/2019
WO # 12062
T.T. 2326.0 Hobbs
T.L. N/A

Removed the existing Mid Continent P/N 4300-411 S/N M15-11265 Standby Horizon and Mid Continent P/N 9015607 S/N A17-11014 back up
Battery.
Installed new Garmin G5 instrument P/N 011-03809-00 S/N 4JQ015883 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/N190-01112-11
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 12062
DATE 15/Jan/2019 Time 2326.0 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

MFG Piper
MODEL PA 28R-201
A/C S/N 2844153
A/C N# N751KS

Steiner Aviation International, Inc.
5430 Lauby Rd.
North Canton, Ohio 44720
CRS V4NR896Y
Airframe Logbook Entry

DATE 15/Jan/2019
WO # 12062
T.T. 2326.0 Hobbs
T.L. N/A

Removed Garmin G5 instrument P/N 011-03809-00 S/N 4JQ015883 with P/N 011-03893-00 battery pack. Installed newly overhauled Replacement G5 P/N 011-03809-00 S/N 4JQ01150 and new battery pack P/N 011-03893-00.
The work was completed as per the Garmin G5 STC installation manual P/N 190-01112-10 Rev. 14 dated 6/30/2018, And Garmin G5 ICA
Completed tests to ensure the System performs its intended functions and does not interfere with the operation of any other system in the aircraft.
Performed Static leak test as per 14 CFR Part 43 Appendix 'E'. All tests are normal 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 12062
DATE 15/Jan/2019 Time 2326.0 Hobbs Time
Signed [Signature]
Steiner Aviation International, Inc. V4NR896Y
5430 Lauby Rd. North Canton, Ohio 44720

KENT STATE UNIVERSITY

N751KS

AFTT: 2046.5
TACH: 2046.5

Replaced propeller control cable with new P/N 455-322. Replaced propeller control rod-end at governor side with new P/N 89307-000. Rigged propeller control cable for proper travel. 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: 1/23/2019

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

KENT STATE UNIVERSITY

N751KS

AFTT: 2048.9
TACH: 2048.9

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

Signed: [Signature] 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

N751KS

AFTT: 2082.0
TACH: 2082.0

Updated GPS Nav database, cycle expires 03-28-19 and Obstacle, Airport and Safe Taxi, cycle expires 4-25-19.
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: [Signature] Thomas S. Napoletano A&P 3007727

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service :2082.0

A/C TOTAL TIME : 2082.0
ENG TOTAL TIME : 2082.0
ENG T.S.M.O.H. : N/A
TACH TIME : 2082.0
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 42.0

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 (11/2021). 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. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Replaced nose wheel tube with new Goodyear 5.00x5 tube, cleaned and repacked wheel bearings. Replaced cabin heat shroud intake duct with new Piper P/N 565-447. Removed starter P/N 149NL, S/N FN-321407 and installed new starter P/N 149NL, S/N H-R110270. 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: 02/28/2019

Signed: [Signature] 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

N751KS

AFTT: 2127.3
TACH: 2127.3

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

Signed: _____ Joshua Eyring A+P 2761827. Date: 3/25/2019

KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201

N751KS

Total Time in Service: 2139.4

A/C TOTAL TIME :	<u>2139.4</u>
ENG TOTAL TIME :	<u>2139.4</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>2139.4</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>99.4</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 with no defects noted. Cleaned and lubed yoke shafts. Complied with annual Amsafe inflatable restraint DTC test using DTC test tool with no defects noted. Replaced four rivets in oil door latch with MS20470AD4. Installed PHO Revision VB-1612-31. Removed Whelen LED landing light P/N 01-0771833-10, S/N 00699 due to inop LED elements and replaced with a serviceable GE4509 lamp. All work performed IAW the Piper Arrow Service 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: 04/03/2019

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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KENT STATE
UNIVERSITY

N751KS

AFTT: 2139.8
TACH: 2139.8

Removed landing light P/N GE4509 and replaced with a new FAA/PMA Whelen LED Parmetheus Plus light P/N 01-0771833-10, S/N 17585. Performed ops. test with no defects noted. Work performed IAW the Piper Arrow Maintenance Manual (S/N's 440001 & 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: 4/4/2019

Signed: _____ Joshua Eyring A+P 2761827.

KENT STATE
UNIVERSITY

N751KS

AFTT: 2172.0
TACH: 2172.0

Updated GPS Nav database, cycle expires 05-23-2019 and Obstacle and Safe Taxi, cycle expires 06-20-2019.

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: 04/24/2019

Signed: _____ Thomas S. Napoletano A&P 3007727

NEW AND SERVICABLE PARTS TAGS

SERVICABLE PARTS TAGS



I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service: **2181.7**

A/C TOTAL TIME : **2181.7**
ENG TOTAL TIME : **2181.7**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **2181.7**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **141.7**

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 (**11/2021**). 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. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Performed normal and emergency gear swings with no defects noted. Complied with the fire extinguisher recertification by inspecting and weighing with no defects. Replaced the left inboard and out board brake linings, and the right inboard lining with new P/N 066-10500. Replaced the aft muffler with new P/N PIM004. Adjusted the stabilator trim cable tensions up 1 turn each turnbuckle and safetied with new locking clips P/N MS21256-1. Replaced the right seat seatback adjustment springs with new P/N 487-352 and 487-351. 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: **5/15/2019**

Signed: Sarah Boyd A&P 3762407 IA



N751KS

AFTT: **2192.3**
TACH: **2192.3**

Replaced 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: **05/22/2019**

Signed: 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.



N751KS

AFTT: **2192.3**
TACH: **2192.3**

Updated GPS navigation database, cycle expires 6/20/2019.

Signed: Charles Doyle A&P 3125891

Date: **05/23/2019**



N751KS

AFTT: **2,197.8**
TACH: **2,197.8**

Found right wing leading edge skin dented as a result of bird strike at approx. W.S. 174.0. Removed right wing tip and lower wing inspection panel as required and hand formed dent to remove. Inspected damaged area for cracks, no cracking found. Wing rib inboard of dented area was found to be free from damage, and no surrounding fasteners were affected. Applied touch-up paint as required to affected damage area. Area of dent now meets the classification of a "negligible dent" in dimensions and depth per the Piper Arrow Maintenance Manual (S/N's 2844001 & Up) Chapter 51-70-00 paragraph B.

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: **6/3/2019**

Signed: Joshua Eyring A+P 2761827.



N751KS

AFTT: **2218.1**
TACH: **2218.1**

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

Signed: Charles Doyle A&P 3125891

Date: **06/18/2019**

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.

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201
N751KS
Total Time in Service: 2236.7

A/C TOTAL TIME : 2236.7
ENG TOTAL TIME : 2236.7
ENG T.S.M.O.H. : N/A
TACH TIME : 2236.7
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 196.7

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Replaced left main, right main tires with new Goodyear 6.00x6 FCIII 6 ply tires, tubes with new P/N G15/6.00x6, cleaned and repacked wheel bearings. Replaced left and right main brake discs with new P/N 164-02000. Replaced nose tire with new Goodyear 5.00x5 FCIII 6 ply tire and tube with new Goodyear 5.00x5. Replaced left aileron inboard static wick with new Piper P/N 494-678. 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: 07/01/2019

Signed: Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N751KS

AFTT: 2271.4
TACH: 2271.4

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: 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

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service : 2281.6

A/C TOTAL TIME : 2281.6
ENG TOTAL TIME : 2281.6
ENG T.S.M.O.H. : N/A
TACH TIME : 2281.6
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 241.6

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 (11/2021). 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. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Performed normal and emergency gear swings with no defects noted. Replaced the left aileron outboard static wick with new Piper P/N 494-678. Replaced the right outboard brake lining with new P/N 066-10500. Replaced the cabin door lock with new P/N PA28CDL and baggage door lock with new P/N PA28BD, Key code for both locks is 8MA005889DZ. 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: 8/7/2019

Signed: Sarah Boyd A&P 3762407 IA

KENT STATE UNIVERSITY

N751KS

AFTT: 2285.1
TACH: 2285.1

Replaced oil door latch with new P/N 472-017 IAW the Piper Arrow (S/N's 2844001 &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: 8/9/2019

Signed: Joshua Eyring A+P 2761827.

NEW AND SERVICABLE PARTS TAGS

NEW AND SERVICABLE PARTS TAGS



N751KS

AFTT: 2285.1
TACH: 2285.1

Replaced alternator brushes with new set P/N ALE-1013AS. 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: 08/12/2019

Signed: Charles Doyle A&P 3125891



N751KS

AFTT: 2289.5
TACH: 2289.5

Updated GPS Nav database, cycle expires 09/12/19 and Obstacle, Airport and Safe Taxi, cycle expires 4-25-19. 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: 08/14/2019

Signed: Thomas S. Napoletano A&P 3007727



N751KS

AFTT: 2339.2
TACH: 2339.2

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



N751KS

Total Time in Service: 2339.2

A/C TOTAL TIME :	<u>2339.2</u>
ENG TOTAL TIME :	<u>2339.2</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>2339.2</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>299.2</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 flap and left stabilator static wicks with new Piper 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: 09/19/2019

Signed: Charles Doyle A&P 3125891



N751KS

AFTT: 2343.0
TACH: 2343.0

Replaced upper outside door handle with serviceable part 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. Date: 9/20/2019

Signed: Sarah Boyd A&P 3762407



N751KS

AFTT: 2346.6
TACH: 2346.6

Replaced all 3 landing gear indication light bulbs with new 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. Date: 9/23/2019

Signed: Sarah Boyd A&P 3762407

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE
PARTS TAGS



I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **2381.4**

A/C TOTAL TIME : **2381.4**
ENG TOTAL TIME : **2381.4**
ENG T.S.M.O.H. : **N/A**
TACH TIME : **2381.4**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **341.4**

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 (11/2021). 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. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Performed normal and emergency gear swings with no defects noted. Replaced left and right recognition light bulbs with new LED style P/N 01-0771888-00 per Field Approval (see FAA Form 337 dated 7/3/2019). Complied with hydraulic fluid contamination check with no defects noted. Replaced upper cowling right side forward latch with new P/N 65202-800. Replaced cabin heat shroud intake duct with new P/N 565-447. Updated G500 and G430W GPS nav databases, cycle expires 11/7/2019. Updated obstacle, safe taxi and airport directory databases, cycle expires 12/5/2019. 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: **10/25/2019**

Signed: Charles Doyle A&P 3125891 IA



N751KS

AFTT: **2394.4**
TACH: **2394.4**

Removed alternator out switch P/N A00258-1, S/N 80L33005 and installed new P/N A00258-1, S/N 80Q94107. Operations checked with no defects noted. Updated G500 and G430 GPS Nav databases, cycle expires 12/5/2019. 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: **11/5/2019**

Signed: Charles Doyle A&P 3125891

AIRFRAME MAINTENANCE LOG



**AIRFRAME
N751KS**

Aircraft Total Time : **2399.3**

A/C TOTAL TIME : **2399.3**
ENG TOTAL TIME : **6588.9**
ENG T.S.M.O.H. : **0.0**
TACH TIME : **2399.3**
PROP T.S.M.O.H. : **N/A**
PROP TOTAL TIME : **359.3**

Complied with an **Engine Change**:

Removed engine P/N: IO-360-C1C6 S/N: L-36460-51E and all related accessories and installed an overhauled Lycoming engine P/N: IO-360-C1C6 S/N: L-28646-51E (By Lycoming under W/O# KM743133 dated 10-23-2019) 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 control and throttle control rod ends P/N 452-606. Replaced the following hoses in the engine compartment with new: 193000-2D-0250, 124F001-3CR-0380, 124F001-4CR-0130, 124F003-6CR-0133, 124F001-6CR-0162, 124F001-8CR-0320 and 124F003-8CR-0266. Replaced alternator belt with new P/N 37A19773-376. Transferred existing Tanis engine preheat kit over to replacement engine. Installed new front muffler P/N PIM0004, S/N 015960-0010. All work performed IAW the Piper PA-28R-201 (S/N's 2844001 & up) Aircraft Maintenance Manual and the Lycoming Direct Drive Engine Maintenance Manual.

ITEM	REMOVED		TIS/TSO	INSTALLED		TIS/TSO
	PART#	SERIAL #		PART#	SERIAL #	
ENGINE	IO-360-C1C6	L-36460-51E	2399.3 TIS	IO-360-C1C6	L-28646-51E	6588.9/0.0
PROP	HC-C2YR-1BFP/7497	NS4160B	359.3 TIS	HC-C2YR-1BFP/7497	NS4160B	359.3 TIS
STARTER	149NL	H-R110270	317.3 TIS	149NL	H-R110270	317.3 TIS
ALTERNATOR	ALX-8521LS-1	H-O090185	2399.3 TIS	ALX-8521LS-1	H-R072416	UNKN/0.0
OIL COOLER	20017A	I14-12396-1	2399.3 TIS	800061	1831488	0.0 TSN
Governor	F-2-7A	G130WJ	2399.3 TIS	F-2-7A	G130WJ	2399.3/0.0
MAGNETO (S)	L: 4372	14071665	2399.3 TIS	4372	19060630	0.0 TSN
	R: 4370	14090046	2399.3 TIS	4370	19070133	0.0 TSN
INJECTOR	LW-10409-70	171462077	2399.3 TIS	LW-10409-70	72294	UNKN/0.0
FUEL PUMP	62B26931	H1713	2399.3 TIS	62B26931	3919L0059	0.0 TSN
DISTRIBUTOR	63B26720	171462368	2399.3 TIS	78805-70	0123002	UNKN/0.0

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: **12/18/2019**

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.
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KENT STATE UNIVERSITY

N751KS

AFTT: 2399.4
TACH: 2399.4

Updated GNS430W and G500 GPS navigation databases, next cycle expires 1-2-2020. Updated Safetaxi, Airport Director, and Obstacle databases to the most current version with an expiration of 1-30-2020.

Signed: [Signature] Joshua Eyring A+P 2761827. Date: 12/19/2019

KENT STATE UNIVERSITY

N751KS

AFTT: 2399.4
TACH: 2399.4

Replaced retaining pin for friction control in the throttle quadrant with new MS20392-1C67 clevis pin. 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: 12/20/2019

Signed: [Signature] Jonathan C. Weaver 3056622 A&P

AIRFRAME MAINTENANCE LOG

KENT STATE UNIVERSITY

N751KS

AFTT: 2399.4
TACH: 2399.4

Replaced main cabin door auxiliary latch 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. Date: 12/20/2019

Signed: [Signature] Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N751KS

AFTT: 2400.5
TACH: 2400.5

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

KENT STATE UNIVERSITY

N751KS

AFTT: 2410.5
TACH: 2410.5

Removed the inop avionics cooling fan assembly and replaced with new P/N K00-00683-10. 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: 1/10/2020

Signed: [Signature] Sarah Boyd 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.

KENT STATE UNIVERSITY N751KS

AFTT: 2416.9
TACH: 2416.9

Adjusted reduced power gear warning switch at throttle lever to activate at approximately 14 inch MAP. Ops. tested normal IAW the Piper Arrow III Service 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: 1/21/2020

Signed: Joshua Eyring A+P 2761827.

KENT STATE UNIVERSITY N751KS

AFTT: 2420.3
TACH: 2420.3

Repaired broken alternator sense wire at fuse holder. Replaced right forward upper cowling latch assembly with new P/N 65202-800. 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: 01/23/2020

Signed: 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.

KENT STATE UNIVERSITY

N751KS

AFTT: 2422.4
TACH: 2422.4

Updated GPS Nav database, cycle expires 02/27/2020 and Obst, Airport and SafeTaxi, 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

KENT STATE UNIVERSITY

N751KS

AFTT: 2422.4
TACH: 2422.4

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: Charles Doyle A&P 3125891

KENT STATE UNIVERSITY
AIRFRAME-PA28R-201
N751KS

Total Time in Service: 2425.6

A/C TOTAL TIME :	2425.6
ENG TOTAL TIME :	6615.2
ENG T.S.M.O.H. :	26.3
TACH TIME :	2425.6
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	385.6

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Complied with FAR 91.207 ELT inspection/ test with no defects noted. Next due 02/2021. Cleaned and repacked LMG, RMG, and NG wheel bearings. Complied with Garmin G5 battery capacity test. Adjusted propeller governor stop set screw one half turn to decrease RPM. Replaced expired CO detector with new. Replaced left fuel cap gasket with new P/N CA66815-000. Replaced ELT access cover plastic screw with new P/N 486-281. 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: 02/04/2020

Signed: Christopher Brinker A&P 2690760

NEW AND SERVICABLE PARTS TAGS

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

KENT STATE UNIVERSITY

N751KS

AFTT: 2441.5
TACH: 2441.5

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: Thomas S. Napoletano A&P 3007727

KENT STATE UNIVERSITY

N751KS

AFTT: 2441.5
TACH: 2441.5

Performed troubleshooting related to intermittent alternator out light. Removed alt out light switch P/N A00258-1, S/N 80Q94107 and replaced with a new switch P/N A00258-1, S/N 80T39311. Removed cowling and repaired cold solder joint at alt out light fuse holder behind alternator. Reinstalled cowling and performed operational check with no further defects noted. Work performed IAW the Piper PA-28R-201 Arrow Service 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: 03/03/2020

Signed: Joshua Eyring A+P 2761827

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

N751KS

AFTT: 2450.6
TACH: 2450.6

Complied with Amsafe DTC Inspection/Check with no defects noted. Complied with aircraft fire extinguisher recertification by visual inspection and weight check with no 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. Date: 05/08/2020

Signed: Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service :2481.3

A/C TOTAL TIME : 2481.3
ENG TOTAL TIME : 6670.9
ENG T.S.M.O.H. : 82.0
TACH TIME : 2481.3
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 441.3

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 (11/2021). 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. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Complied with S.B 1156 (nose gear drag link bolt), replaced bolt with new P/N NAS464P4-27 and both bushings with new Piper P/N 452-800. Replaced right flap static wick with new Piper P/N 494-678. Replaced right inboard and 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. Date: 07/14/2020

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.

KENT STATE UNIVERSITY

AFTT: 2485.5
TACH: 2485.5

N751KS

Removed and replaced left seat spring height adjust 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: 07/21/2020

Signed: Christopher Brinker A&P 2690760

KENT STATE UNIVERSITY

AIRFRAME-PA28R-201

N751KS

Total Time in Service: 2531.2

A/C TOTAL TIME : 2531.2
ENG TOTAL TIME : 6720.8
ENG T.S.M.O.H. : 131.5
TACH TIME : 2531.2
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 491.2

Complied with, 56HR 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 A.D. 84-26-02 (paper induction air filter) by replacing induction air filter with new P/N P617053, A.D. next due by AFTT 3031.2. Replaced upper cowl, right forward cowl latch assembly with new P/N 65202-800. Removed landing light P/N 01-0771833-10, S/N 17585 due to one inop. LED element and replaced with a new Whelen light P/N 01-0771833-10, S/N 17588. 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: 08/18/2020

Signed: Joshua Eyring A+P 2761827

AIRFRAME MAINTENANCE LOG

DA KENT STATE UNIVERSITY

AFTT: 2545.8
TACH: 2545.8

N751KS

Removed the faulty electric fuel pump motor and replaced with a new motor P/N 8850-5. Leak and 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: 8/24/2020

Signed: Sarah Johnson A&P 3762407

Alt. MFG: GARMIN/UNIVERSITY
Alt. P/N: 6515934PB-3
Alt. S/N: 45961150/505521
A/C N#: N751KS

Steiner Aviation Inc
5430 Lauby Road,
North Canton, OH
CRS V4NR896Y

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 CRSV4NR896Y

SIGNED: [Signature]
DATE: 8-31-2020 CERT NO. V4NR896Y
TYPE ANY COMMENTS HERE

MAINTENANCE RELEASE
The aircraft or appliance identified above was repaired and inspected Federal Aviation Agency and is approved for return to service. Particular station under
Work Order Number 13283
Date: 8-31-2020 Time: 292.5
Signed: [Signature]
STEINER AVIATION INTERNATIONAL INC CRS V4NR896Y

ALTIMETER SCALE
Correction Card G500

ADC 20618599
ALTIMETER S/N
PART NUMBER G500-744

STANDARD ALTITUDE FT.	ALTIMETER READING
-1000	-1010
0	-10
500	490
1000	980
1500	1480
2000	1980
3000	2980
4000	3980
6000	5970
8000	7970
10000	9960
12000	11950

STANDARD ALTITUDE FT.	ALTIMETER READING
14000	13940
16000	15930
18000	17920
20000	19910
22000	
25000	
30000	
35000	
40000	
45000	
50000	
55000	

FITS AN5800 HOLDER
P/N 22628

DATE: 8-31-2020 SIGNED: [Signature]

2000	2010
3000	3010
4000	4010
6000	6000
8000	8000
10000	10000
12000	11990

20000	
30000	
35000	
40000	
45000	
50000	
55000	

FITS AN5800 HOLDER
P/N 22628

DATE: 8-31-2020 SIGNED: [Signature]

1500	1500
2000	2000
3000	2990
4000	3980
6000	5970
8000	7950
10000	9940
12000	11930

22000	17780
25000	
30000	
35000	
40000	
45000	
50000	
55000	

FITS AN5800 HOLDER
P/N 22628

DATE: 8-31-2020 SIGNED: [Signature]

NEW AND SERVICABLE PARTS TAGS

NEW AND SERVICABLE PARTS TAGS

DA KENT STATE UNIVERSITY

N751KS

AFTT: 2570.8
TACH: 2570.8

Removed Alternator Out Switch P/N A-00258-1, S/N 80T39311 and installed serviceable P/N A-00258-1, S/N 80Q94107. Soldered alternator sense wire fuse holder tip. Replaced cabin heat intake duct with new P/N 565-447. 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: 09/09/2020

Signed: Charles Doyle A&P 3125891

KENT STATE UNIVERSITY

N751KS

AFTT: 2581.1
TACH: 2581.1

Removed cabin step from aircraft due to crack along upper weld of step assembly. Removed paint from repair area and weld repaired existing crack. Reinforced cabin step using a piece of 4130 steel 2.36"X1.00" .049 wall thickness streamline tubing section approx. 3.5" in length on outside of step, bracing the original weld. All welding was performed using DC TIG method at 100 amps with ER70S-2, 3/32 filler rod. The weld was inspected for integrity and found to be airworthy. Work performed IAW the Piper PA-28R-201 Arrow Service Manual (S/N's 2844001 & Up) and AC 43-13-1B/2B. This repair does not include the reinstallation of the step on the aircraft.

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: Joshua Eyring A+P 2761827.

DA KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 2581.1

A/C TOTAL TIME :	2581.1
ENG TOTAL TIME :	6770.7
ENG T.S.M.O.H. :	181.8
TACH TIME :	2581.1
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	541.1

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 (11/2021). 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. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Complied with S.B. 1244C (Aft Wing Attach Fitting Inspection) with no defects noted and applied corrosion preventative. Removed RMG actuator P/N SFA232-5, S/N 5407 and installed new P/N SFA232-5, S/N 7504. Replaced NG bumper stop with new P/N 37970-005. Cleaned and repacked LMG, NG, and RMG wheel bearings. Replaced nose gear axle nut clevis pin with new P/N MS20392-1C19. Installed repaired entry step. 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: 10/05/2020

Signed: Charles Doyle A&P 3125891 IA

KENT STATE UNIVERSITY

N751KS

AFTT: 2598.8
TACH: 2598.8

Performed troubleshooting for Alternator Field circuit breaker popped, with no defects noted. Replaced alternator brushes with new set P/N ALE-1013AS. 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: 10/28/2020

Signed: Charles Doyle A&P 3125891

NEW AND SERVICABLE PARTS TAG

Piper Identity Tag

PART No. 37970-005

Rev. G

J.O. No. 100927109

Shop Date 3/30/20 nsp

180-014 Qty. 1 Shelf Life Exp. Date

14d. Name (Typed or Printed): John C. Evans

Responsibilities

automatically constitute authority to install the aircraft engine/propeller/article..

ns of an airworthiness authority different than the airworthiness authority of the

her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the

all cases, aircraft maintenance records must contain an installation certification

aircraft may be flown.

PARTS TAGS

KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201
N751KS
Total Time in Service: 2630.7

A/C TOTAL TIME : 2630.7
ENG TOTAL TIME : 6820.3
ENG T.S.M.O.H. : 231.4
TACH TIME : 2630.7
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 590.7

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. 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: 11/16/2020

Signed: Charles Doyle A&P 3125891

KENT STATE
UNIVERSITY

AFTT: 2661.1
TACH: 2661.1

N751KS

Performed troubleshooting related to alt field circuit breaker popping. Ran aircraft and found charging system functioning normally at low engine RPM. At high engine RPM, alternator dropped offline. Removed alternator control unit P/N B-00371-1, S/N 80L26318 and replaced with a new alternator control unit P/N B-00371-1, S/N 80U51317. Ran aircraft and found charging system problem to still be present. Removed engine cowl and removed alternator P/N ALX-8521LS-1, S/N H-R072416 and replaced with an overhauled alternator P/N ALX-8521LS-1, S/N H-O090187 (By Aerotech under W/O# 134989 dated 9/23/2020). Reinstalled engine cowl and ran charging system. Operations checked with no further 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# KSU2020-00651. Date: 12/14/2020

Signed: Joshua Eyring, Certified Repair Station NX3R886D.

AIRFRAME MAINTENANCE LOG

KENT STATE
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service : 2680.9

A/C TOTAL TIME : 2680.9
ENG TOTAL TIME : 6870.5
ENG T.S.M.O.H. : 281.6
TACH TIME : 2680.9
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 640.9

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 (11/2021). 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. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Replaced right main tire with new Goodyear 6.00x6 FCIII 6ply tire, cleaned, and repacked wheel bearings. Replaced right outboard brake lining with new P/N 066-10500. Replaced both lower cowl bushings with new P/N MC69790-00. Adjusted aileron cable tension by tightening primary and backup cable turnbuckles one half turn, re-safetied turnbuckles with new P/N MS21256-1 clips. Replaced #4 exhaust riser muffler clamp with new P/N 63243-002. Performed compass swing/calibration and updated deviation card. 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# KSU2021-00034. Date: 01/25/2021

Signed: Charles Doyle, Certified Repair Station NX3R886D.

KENT STATE
UNIVERSITY

AFTT: 2697.7
TACH: 2697.7

N751KS

Troubleshoot squawk for alternator out light illuminated and load meter not showing any electrical load. Removed cowl and found only 1.8 volts at alternator field terminal. Removed Alternator Control Unit P/N B-00371-1, S/N 80U51317 and installed new Alternator Control Unit P/N B-00371-1, S/N 80U51318, installed cowl. Replaced upper cowl right forward latch with new P/N 65202-800. Serviced all three 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. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2021-00075. Date: 02/10/2021

Signed: Charles Doyle, Certified Repair Station NX3R886D.

PARTS TAGS

FOR
STEEP

NEW AND SERVICABLE PARTS TAGS



N751KS

AFTT: 2714.4
TACH: 2714.4

Complied with **FAR 91.207** (ELT inspection/test) by inspecting the ELT battery and testing the operation with no defects note, Next due **03/2022**. Complied with the Garmin G5 battery capacity test, passed with a capacity of 4 hours and 45 minutes. 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# **KSU2021-00127**. Date: **3/1/2021**

Signed: Sarah Johnson, Certified Repair Station NX3R886D.



N751KS

Total Time in Service: 2730.8

A/C TOTAL TIME :	<u>2730.8</u>
ENG TOTAL TIME :	<u>6920.4</u>
ENG T.S.M.O.H. :	<u>331.5</u>
TACH TIME :	<u>2730.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>690.8</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 with no defects noted. Cleaned and lubed yoke shafts. Replaced CO detector with new unit. 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# **KSU2021-00165**. Date: **03/10/2021**

Signed: Charles Doyle, Certified Repair Station NX3R886D.



I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service :2780.5

A/C TOTAL TIME :	<u>2780.5</u>
ENG TOTAL TIME :	<u>6970.1</u>
ENG T.S.M.O.H. :	<u>381.2</u>
TACH TIME :	<u>2780.5</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>740.5</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 (**11/2021**). 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. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Complied with hydraulic contamination check with no defects noted. Replaced left 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 both left main brake linings with new P/N 066-10500. Replaced both stabilator hinge bearings with new P/N 452-394, bolts with new P/N 402-680, and nuts with new P/N 406-945. Replaced right flap static wick with new P/N 494-678. Replaced propeller governor control cable rod end with new P/N 89307-751. Removed and reinstalled propeller P/N HC-C2YR-1BFP/F7497, S/N NS4160B using new o-ring P/N C-3317-228. De-sludged propeller. 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# **KSU2021-00221**. Date: **04/01/2021**

Signed: Charles Doyle, Certified Repair Station NX3R886D.



N751KS

Total Time in Service: 2830.2

A/C TOTAL TIME :	<u>2830.2</u>
ENG TOTAL TIME :	<u>7019.8</u>
ENG T.S.M.O.H. :	<u>430.9</u>
TACH TIME :	<u>2830.2</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>790.2</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 with no defects noted. Removed Amsafe EMA P/N 508358-421, S/N A17APR14-65 and installed overhauled EMA P/N 508358-421, S/N RA01MAR21-5 (overhaul done by AMSAFE, INC under WO# 193260-1, dated 02 Mar 2021). Complied with Amsafe DTC insp/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. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2021-00272**. Date: **04/23**

Signed: Charles Doyle, Certified Repair Station NX3R886D.

AIRFRAME MAINTENANCE LOG

NEW AND SERVICABLE PARTS TAGS


KENT STATE UNIVERSITY

I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service : **2880.3**

A/C TOTAL TIME :	2880.3
ENG TOTAL TIME :	7069.9
ENG T.S.M.O.H. :	481.0
TACH TIME :	2880.3
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	840.3

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 (**11/2021**). 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. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Complied with **S.B. 1366** (main wing spar hardware inspection) by visual inspection and correcting any improper hardware installation. Cleaned and repacked nose wheel bearings. Replaced fire extinguisher with serviceable P/N A344T. Replaced RMG inboard brake lining with new P/N 066-10500. Replaced throttle quadrant placard with new P/N H-69669-45. 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# **KSU2021-00334**. Date: **06/03/2021**

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.
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KENT STATE UNIVERSITY
AIRFRAME-PA28R-201

N751KS


Total Time in Service: **2930.0**

A/C TOTAL TIME :	2930.0
ENG TOTAL TIME :	7119.6
ENG T.S.M.O.H. :	530.7
TACH TIME :	2930.0
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	890.0

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 leaking 90-degree fitting at LMG hydraulic actuator with new P/N AS5195D0402. Performed normal and emergency gear swings with no further leakage noted. Replaced propeller governor rod-end at governor side with new P/N 89307-000. Replaced alternate air door control cable attach hardware stack up with new P/N MC70371-00. Replaced one broken rivet on oil door hinge with new. Replaced right forward upper cowling attach bracket fastener with new P/N 65202-800. 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 2021-00436**. Date: **7/7/2021**

Signed:  Joshua Eyring, Certified Repair Station NX3R886D.


KENT STATE UNIVERSITY

N751KS

AFTT: **2961.4**
TACH: **2961.4**

Replaced broken oil door latch with new 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. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2021-00485**. Date: **07/26/2021**

Signed:  Charles Doyle, Certified Repair Station NX3R886D.

NEW AND SERVICABLE PARTS TAGS

PARTS TAGS

KENT STATE
UNIVERSITY

N751KS

AFTT: 2979.8
TACH: 2979.8

Removed Alternator Inoperative Switch P/N A-00258-1, S/N 80Q94107 and replaced with New Alternator Inoperative Switch P/N A-00258-1, S/N 80V32602. No further 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# KSU202100528. Date: 08/18/2021

Signed: [Signature] Jonathan C. Weaver, Certified Repair Station NX3R886D.

KENT STATE
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.
Time in Service: 2979.8

A/C TOTAL TIME :	<u>2979.8</u>
ENG TOTAL TIME :	<u>7169.4</u>
ENG T.S.M.O.H. :	<u>580.5</u>
TACH TIME :	<u>2979.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>939.8</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 (11/2021). 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. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Complied with SB 1156 (nose gear drag link bolt) by replacing bolt with new P/N NAS464P4-27 and two bushing with new P/N 452-800, next due AFTT 3479.8. Replaced upper cowling oil door with new P/N 99095-000, hinge with new P/N 65291-003, and latch with new P/N 472-017. Replaced lower cowling right plate assembly bushing with new P/N MC69790-00. Replaced nose tire with new Goodyear 5.00x5 FCIII 6 ply and tube with new 5.00x5, cleaned and repacked wheel bearings. Replaced pilot's overhead louver with new P/N 473-195. Removed forward muffler P/N PIM0004, S/N 015960-0010 and installed new P/N PIM0004, S/N 026731-0001. Replaced #1 cylinder exhaust riser with new P/N A67809-000. Replaced cabin heat shroud with new upper P/N A99600-800, lower P/N A67808-000, and replaced intake duct with new P/N 565-44. Cleaned and repacked right main 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. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2021-00555. Date: 08/30/2021

Signed: [Signature] 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.
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KENT STATE
UNIVERSITY

N751KS

AFTT: 2988.8
TACH: 2988.8

Performed troubleshooting related to charging system dropping offline at higher engine RPM. Was able to duplicate problem on the ground. Removed cowling and removed alternator brushes and inspected. Found brushes approx. 1/2 worn and one brush stuck inside brush holder. Cleaned carbon from brush holder and replaced brush set with new P/N ALE-1013AS. Ran charging system and found to function properly now through entire engine RPM range. Charging voltage under loads reads approx. 13.9 volts. 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 2021-00582. Date: 09/09/2021

Signed: [Signature] Joshua Eyring, Certified Repair Station NX3R886D.

KENT STATE
UNIVERSITY

AIRFRAME-PA28R-201

N751KS

Total Time in Service: 3029.2

A/C TOTAL TIME :	<u>3029.2</u>
ENG TOTAL TIME :	<u>7218.8</u>
ENG T.S.M.O.H. :	<u>629.9</u>
TACH TIME :	<u>3029.2</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>989.2</u>

Complied with, 50 HR 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. AD 84-26-02 (Replace paper induction air filter) no longer applies due to replacement of induction air filter with new non-paper type Tempest filter P/N AA617053. 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# KSU2021-00636. Date: 09/30/2021

Signed: [Signature] Christopher Brinker, Certified Repair Station NX3R886D.

NEW AND SERVICABLE PARTS TAGS

CABLE 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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TIFFIN AIRE

N751KS Airframe Log Date 01/19/2022
Removed left fuel tank for repair. Replaced outboard skin using existing brackets and doublers. New skin was exactly what was used by the factory 0402024T3. Installed new skin using a jig made for fuel tank using the following data: Piper service manual P/N: 761-638 dated 05/25/2021, AC 43.13-1B/2A paragraph 4-52, 4-53, 6-133, 8-32b, 8-33b. Tank was installed back into left wing after pressure test and a visual look over.

Work performed by Tiffin Aire, Inc.

Signature *Barry W. Ben* AP2229141IA

KENT STATE
UNIVERSITY

N751KS

AFTT: 3041.5
TACH: 3041.5

Deer strike occurred during landing rollout. Deer found to have impacted left fuel tank and left main gear door. Drained fuel from both tanks and removed left fuel tank from aircraft. No damage found to have occurred to surrounding left wing structure. Damage was limited to denting the left fuel tank and fiberglass damage to left main gear door. Sent fuel tank to Tiffin Aire for replacement of outer tank skin and resealing. (See form 337 dated 1-19-2022). Trimmed and fit repaired tank back to left wing. Prior to fuel tank installation, vent hoses were replaced with new 193 hose and a corrosion inspection behind the left fuel tank was performed. Repaired LMG door as required with fiberglass resin and filler. Installed new hinge half on LMG door P/N 67093-004, new LMG door hinge pin P/N 63744-011, new LMG door rod attach bracket P/N 67091-000, new LMG door rod assembly P/N 37722-002, new gear door rod attach bolts P/N's AN23-15A and AN3H10A, and one new rod attach bushing P/N 63900-147. Primed and painted left fuel tank and LMG door with Sherwin Williams Jet Glo primer and Matterhorn White paint. Replaced left and right fuel tank cap lock rings with new P/N 473-151 and both center cap vent flappers with new P/N 492-153. Installed a new gasket P/N CA66815-000 at left fuel cap. Removed right fuel tank from aircraft and performed a visual inspection for corrosion around and behind right fuel tank with no defects found. Replaced right fuel tank vent hose with new 193 hose and reinstalled right fuel tank back in aircraft. Filled both tanks with fuel and leak checked, no leaks noted. Installed new minimum fuel grade/fuel quantity placards at left and right fuel tanks. Performed normal and emergency gear swings and rigged LMG door rod end as required. Bled fuel system and ran engine on each fuel tank with no defects noted. Replaced broken ELT antenna with new P/N 110-773. Replaced ELT battery with new P/N 455-0012 with an expiration date of 3-31-2029. Complied with FAR 91.207 by inspecting and testing ELT on 121.5 and 406 MHZ with no defects noted, next due by 1-31-2023. 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 2021-00652. Date: 1/26/2022

Signed: *Joshua Eyring* Joshua Eyring, 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.
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KENT STATE
UNIVERSITY

N751KS

AFTT: 3062.6
TACH: 3062.6

Removed the right fuel tank due to erratic fuel quantity indications, removed both fuel senders for ops test, cleaned the IB sender, and reinstalled both senders. Reinstalled fuel tank, leak and 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# KSU2022-00089. Date: 2/17/2022

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

KENT STATE
UNIVERSITY

N751KS

AFTT: 3079.5
TACH: 3079.5

Performed charging system troubleshooting. Found 12 volts output at field terminal with alternator switch on. Performed alternator full field test with no charge rate noted. Removed alternator P/N ALX-8521, S/N H-0090187 and replaced with an overhauled alternator P/N ALX-8521, S/N H-R072416. Charging system now functions normally. Replaced CO detector with new. Performed 12-month Garmin G5 standby battery capacity test with passing results 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 2022-00158. Date: 3/17/2022

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

NEW AND

Responsibility for the accuracy of the information contained herein is the responsibility of the person who prepared the information. The information is provided for informational purposes only and does not constitute an offer of insurance or any other financial product. The information is not to be used for any other purpose. The information is not to be used for any other purpose. The information is not to be used for any other purpose.

13c. Approval/Author
PC206

13e. Date (dd/mm/yy)
16/Oct/2020

12.
for safe operation.

RE

3080.5

Manufactured in conformity
with the national
regulation ensures the
installation before the
installer.

of this document alone
does not ensure the
aircraft is airworthy.

N751KS Airframe Log Date 03/31/2022

Completed 100-hour inspection in accordance with Piper PA-28R-201 maintenance manual checklist in section 5-20-00. Replaced all stabilator trim tab hinges with (8) P/N: 63560-002 outboard hinges, (4) P/N: CA63560-003 center hinges, (2) P/N: 62002-002 pins, (2) 62002-003 pins, (1) P/N: 62002-004 pin. Removed both ailerons and installed all new hinges (4) P/N: 62371-108 inboard/outboard hinges (2) P/N: CA35636-100 middle hinge from McFarlane under STC number SA309750 and STC SA327450. See FAA form 337 this date for further details. Reinstalled ailerons with new hardware. Removed left fuel tank and repaired leaking rivets. Replaced both fuel sender gaskets with (2) P/N: 755-049. Verified proper operation of fuel quantity indicating system and reinstalled left fuel tank on wing with new P/N: 63955-009. Installed new static wick right outboard aileron P/N: 494-678. Adjusted stabilator trim drum screw to obtain proper clearance between aft stabilator trim pulley and turnbuckle. Verified proper stabilator trim and stabilator control surface deflection and indication. Adjusted stabilator trim and rudder cable tensions. Replaced nose gear trunnion bushings (4) P/N: 67026-011, (2) P/N: AN7-32 bolts, (2) AN310-7 nuts. Resealed left brake caliper puck with new O-ring P/N: MS28775-222. Bleed brakes as required and serviced brake reservoir with MIL-5606 hydraulic fluid. Replaced all brake linings (4) P/N: 066-1500. Tightened upper rudder hinge bolt and installed new cotter pin. Replaced oil temp sensor with new P/N: 533-672. Complied with Piper SB1156A by replacement of nose gear drag link bolt P/N: 402-940. Piper SL1273A fuel selector valve inspection/leak - no defects noted. Tannis preheater installation I.C.A. Piper SB1242A rudder pedal assembly inspection - no defects noted. Piper 100-hour aft wing attach fitting inspection - no defects noted. AD2015-19-17 fuel injector lines inspection - no defects noted. A.P.S researched through 2022-07. All work done in accordance with Piper PA-28R-201 maintenance manual.

ELT Battery Due: 03/2029 ELT Operation & Corrosion Check Due: 03/2023 Altimeter & Static Check Due: 08/31/2022
Weight Due: N/A Transponder Encoder Check Due: 08/31/2022

I certify that this airframe has been inspected in accordance with a 100-hour inspection and was determined to be in an airworthy condition.

Work performed by Tiffin Aire, Inc

Signature *Archer Tiden* IA3708416

KENT STATE
UNIVERSITY

N751KS

AFTT: 3094.8
TACH: 3094.8

Complied with the Amsafe DTC inspection/check with no defects noted. Next due 04/2023. 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# KSU2022-00226. Date: 4/14/2022

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

AIRFRAME MAINTENANCE LOG

DATE	TACH	DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH REPAIR STATION NUMBER OR SIGNATURE AND CERTIFICATE NUMBER OF
		<div><div>KENT STATE UNIVERSITY AIRFRAME-PA28R-201 N751KS Total Time in Service: 3129.7</div><div><div>A/C TOTAL TIME : 3129.7 ENG TOTAL TIME : 7319.3 ENG T.S.M.O.H. : 730.4 TACH TIME : 3129.7 PROP T.S.M.O.H. : N/A PROP TOTAL TIME : 1089.7</div></div></div> <div>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 one post light with new P/N 330. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.</div> <div>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# KSU2022-00269. Date: 05/04/2022</div> <div>Signed: <i>Christopher Brinker</i> Christopher Brinker, Certified Repair Station NX3R886D.</div>

KENT STATE
UNIVERSITY

N751KS

AFTT: 3156.6
TACH: 3156.6

Adjusted left seat vertical height actuator tab, ops tested normal. 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 2022-00293. Date: 5/13/2022

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

NEW AND SERVICABLE
PARTS TAGS

Kent State University CRS# NX3 Altitude Correction Card W			Kent State University CRS# NX3 Altitude Correction Card W			Kent State University CRS# NX3R886D Altitude Correction Card W		
Registration: <u>N751KS</u> Ser.No: <u>28</u>			Registration: <u>N751KS</u> Ser.No: <u>28</u>			Registration: <u>N751KS</u> Ser.No: <u>2844153</u>		
Alt. Pos: <u>G5</u> P/N: <u>011-03809-00</u> S/N:			Alt. Pos: <u>STBY</u> P/N: <u>5934PD-3</u> S/N:			Alt. Pos: <u>ADC</u> P/N: <u>GDC74A</u> S/N: <u>20618599</u>		
Standard Altitude Ft.	Altitude Reading	Standard Altitude Ft.	Standard Altitude Ft.	Altitude Reading	Standard Altitude Ft.	Standard Altitude Ft.	Altitude Reading	Standard Altitude Ft.
-1000	-990	14000	-1000	-990	14000	-1000	-1026	14000
0	15	16000	0	0	16000	0	-26	16000
500	515	18000	500	505	18000	500	485	18000
1000	1015	20000	1000	1005	20000	1000	980	20000
1500	1515	22000	1500	1510	22000	1500	1480	22000
2000	2015	25000	2000	2010	25000	2000	1980	25000
3000	3015	30000	3000	3005	30000	3000	2980	30000
4000	4015	35000	4000	4000	35000	4000	3975	35000
6000	6015	40000	6000	5985	40000	6000	5975	40000
8000	8015	45000	8000	7975	45000	8000	7975	45000
10000	10020	50000	10000	9970	50000	10000	9970	50000
12000	12015	55000	12000	11960	55000	12000	11970	55000
Signed: <u>Sarah Johnson</u> Date: <u>7/1/2022</u>			Signed: <u>Sarah Johnson</u> Date: <u>7/1/2022</u>			Signed: <u>Sarah Johnson</u> Date: <u>7/1/2022</u>		

I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service: **3179.6**

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 (03/2029). 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. Complied with the hydraulic fluid contamination check with no defects. Complied with the fire extinguisher recertification by visual inspection and weight check. Complied with **SB 1156A** (nose gear draglink bolt insp) by visual inspection and replacement of bolt with new P/N NAS464P4-27. Replaced flap warning switch actuator with new P/N 451-841. Replaced the cabin door holder assy with new P/N 95507-005. Replaced the left and right IB fwd aileron pullies with new P/N 63955-008, and right IB aft pulley with new P/N 481-614. Replaced the left fwd stab pulley with new P/N 62711-003. Replaced all 3 gear upper and lower torque link bushings with new P/N CA67026-007, bolts with new P/N NAS6605D46, and left upper bolt with new P/N NAS 6605D48. Replaced both main gear down lock springs with new P/N 487-495, and nose down lock springs with new P/N 487-483 (inner), and 487-484 (outer). Replaced the cabin heat shroud intake duct with new P/N 565-447. Removed the left fuel tank and replaced 4 leaking rivets with new P/N AN470AD-4-4, installed wet with PR1440B1/2 fuel sealant. Reinstalled the left tank, leak checked with no defects. Found the lower flare cracked on the hydraulic pump down line. Replaced line with new P/N 83744-138, leak checked with no defects.

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. Replaced 3 feet of leaking static line with new P610049 tubing, S1133-1 fittings, S1131-1 inserts, and S1130-1 nuts.

Altimeter	Make	United	P/N	5934PD-3	S/N	505521
Altimeter	Make	Garmin	P/N	011-03809-00	S/N	4JQ01150
ADC	Make	Garmin	P/N	GDC74A	S/N	20618599
Transponder	Make	Garmin	P/N	GTX-345	S/N	3EG024636

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# **KSU2022-00313**. Date: **7/7/2022**

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

AIRFRAME MAINTENANCE LOG

KENT STATE
UNIVERSITY

N751KS

AFTT: **3206.0**

TACH: **3206.0**

Found the hydraulic pump up line leaking, replaced with new P/N 83744-139. Serviced pump with hydraulic fluid. Replaced the cracked upper exterior door handle with new P/N 464-029. Leak and 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 2022-00463**. Date: **7/25/2022**

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

KENT STATE
UNIVERSITY
AIRFRAME-PA28R-201
N751KS

Total Time in Service: **3229.4**

A/C TOTAL TIME :	3229.4
ENG TOTAL TIME :	7419.0
ENG T.S.M.O.H. :	830.1
TACH TIME :	3229.4
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	1189.4

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 LMG tire with new Goodyear 6.00X6 FCIII 6 ply tire and tube with new G15.6.00x6 tube. Replaced LMG brake disc with new P/N 164-02000. Cleaned and repacked LMG 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# **KSU2022-00488**. Date: **08/09/2022**

Signed: Christopher Brinker Christopher Brinker, 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.

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N751KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service :3279.4

A/C TOTAL TIME : 3279.4
ENG TOTAL TIME : 7469.0
ENG T.S.M.O.H. : 880.1
TACH TIME : 3279.4
PROP T.S.M.O.H. : N/A
PROP TOTAL TIME : 1239.4

Complied with an Annual Inspection. Serviced hydraulic systems and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (03-2029). 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. Repacked nose gear and RMG wheel bearings. Repaired metal engine baffle forward of the #1 cylinder with a 1"X2" .030 2024-T3 aluminum patch. Removed right wing root forward aileron cable pulley, inspected, and reinstalled. Checked torque on all landing gear trunnion plate mount bolts. Complied with Piper SB 1156A (nose gear draglink bolt/bushings) by replacing draglink bolt with new P/N NAS464P4-27 and both bushings with new P/N 452-800. 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# KSU 2022-00581. Date: 09/15/2022

Signed: Joshua Eyring, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

AFTT: 3302.3
TACH: 3302.3

Removed inop. fuel pump motor P/N 8850-5. Installed new fuel pump 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# KSU 2022-00691. Date: 10/27/2022

Signed: Seth Brown, Certified Repair Station NX3R886D.

Entered ERROR SB N751KS

AIRFRAME MAINTENANCE LOG

KENT STATE UNIVERSITY

AFTT: 3294.0
TACH: 3294.0

N751KS

Removed left aileron P/N 35640-024, S/N 100814022 due to damage to outboard trailing edge skin. Sent aileron to Flight Controls Ohio, LLC for skin P/N 35640-804 to be replaced (see FAA Form 337 dated 10/18/2022). Reinstalled left aileron P/N 35640-024, S/N 100814022. 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# KSU2022-00622. Date: 10/21/2022

Signed: Charles Doyle, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

AFTT: 3302.3
TACH: 3302.3

N751KS

Removed inop. fuel pump motor P/N 8850-5. Installed new fuel pump 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# KSU 2022-00691. Date: 10/27/2022

Signed: Seth Brown, Certified Repair Station NX3R886D.

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
AIRFRAME-PA28R-201
N751KS
Total Time in Service: 3322.5

A/C TOTAL TIME :	<u>3322.5</u>
ENG TOTAL TIME :	<u>7512.1</u>
ENG T.S.M.O.H. :	<u>923.2</u>
TACH TIME :	<u>3322.5</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1282.5</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 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# **KSU 2022-00720**. Date: **11/04/2022**

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

KENT STATE
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N751KS

AFTT: 3346.0
TACH: 3346.0

Recharged Garmin G5 standby attitude indicator battery backup. Replaced RMG tire with new Goodyear 6.00X6 FCIII 6 ply tire. Replaced RMG inboard and outboard brake linings 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# **KSU2022-00753**. Date: **11/21/2022**

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

KENT STATE
UNIVERSITY

I certify that this **Aircraft-PA28R-201 (N751KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.
Time in Service: 3379.2

A/C TOTAL TIME :	<u>3379.2</u>
ENG TOTAL TIME :	<u>7568.8</u>
ENG T.S.M.O.H. :	<u>979.9</u>
TACH TIME :	<u>3379.2</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1339.2</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 (03/2029). 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 both bushings with new P/N 452-800. Replaced both LMG brake linings with new P/N 066-10500. Replaced broken nose gear down lock switch actuator with new P/N 451-848. Relocated alternator out fuse to left side of engine mount using new in-line fuse holder P/N FHP-1. 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# **KSU2022-00806**. Date: **12/15/2022**

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

KENT STATE
UNIVERSITY

N751KS

AFTT: 3397.3
TACH: 3397.3

Replaced missing Southco camloc stud with new P/N 487-719 and retainer with new P/N 484-428 at forward right upper cowl latch. 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# **KSU2023-00021**. Date: **01/10/2023**

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

NEW AND SERVICABLE PARTS TAGS

AIRFRAME MAINTENANCE LOG

FOR	N	030	060	E	120	150
STEER	002	29	60	90	120	152
FOR	S	210	240	W	300	330
STEER	182	212	241	272	302	332
DATE	02/14/2023		Radios On			

AND SERVICABLE PARTS TAGS

DATE


KENT STATE
UNIVERSITY

N751KS

AFTT: 3414.0

TACH: 3414.0

Complied with **FAR 91.207** (ELT Inspection/Test) 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# **KSU2023-00054**. Date: 02/01/2023

Signed: 

Charles Doyle, Certified Repair Station NX3R886D.


KENT STATE
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AIRFRAME-PA28R-201

N751KS

Total Time in Service: 3430.0

A/C TOTAL TIME :	<u>3430.0</u>
ENG TOTAL TIME :	<u>7619.6</u>
ENG T.S.M.O.H. :	<u>1030.7</u>
TACH TIME :	<u>3430.0</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1390.0</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 with no defects noted. Cleaned and repacked left main wheel bearing. Replaced carbon monoxide detector. Performed compass swing/calibration and updated compass calibration card. 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# **KSU2023-00076**. Date: 02/14/2023

Signed: 

Seth Brown, Certified Repair Station NX3R886D.

Closed this Airframe LogBook #1 On 02/14/2023
Seth Brown  **N751KS**