

# AIRFRAME



## MAINTENANCE RECORDS

  
**KENT STATE**  
UNIVERSITY



## Airframe Maintenance Records

AIRCRAFT REGISTRATION NO. N753KS

AIRCRAFT MFG PIPER MODEL PA-28R-201 SERIAL NO. 2844159

ENGINE MFG LYCOMING MODEL IO-360-C1C6

PROPELLER MFG McCAULEY MODEL B2D34 C213-B

ENGINE MFG \_\_\_\_\_ MODEL \_\_\_\_\_

PROPELLER MFG \_\_\_\_\_ MODEL \_\_\_\_\_

BOOK 1 OF \_\_\_\_\_



# AIRCRAFT DESCRIPTION

Registration No. N753KS

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

Serial No.: 2844159 Type Certificate No.: 2A13

Colors: MATTEHORN WHITE

Engine Manufacturer: LYCOMING Serial Numbers: Single L-36747-51E

Original Engine Model: I0-360-C1C6 Left \_\_\_\_\_ Right \_\_\_\_\_

Propeller Manufacturer: MCCAULEY Hub or Serial Number: Single 150424

Original Propeller Model: B2D34 C213-B Left \_\_\_\_\_ Right \_\_\_\_\_

Blade Numbers

Left

Right

AJF26151

AJF26153

## COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
All applicable Federal Aviation Administration Airworthiness Directives, through <u>2015-25</u> have been complied with at the time of manufacture.		<u>4.5</u>	<u>DEC 18 2015</u>	
Signed: <u>Robert L. Olsen</u>				
ROBERT L. OLSEN DMS-991298919				
PIPER AIRCRAFT, INC.				

# 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.

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
DEC 18 2015	Brought Forward →	<u>4.5</u>		I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.
				The Altimeter and Static System Test required by FAR 91.411 have been performed. The altimeter(s) have been tested:
			On (Pit) <u>10/30/15</u> (Sec) <u>10/07/15</u>	
			<u>55,000 ft</u> <u>20,000 ft</u>	
			The ELT is installed per FAR 91.207. Battery Replacement date: <u>DEC 2021</u>	
			Dated: <u>DEC 18 2015</u>	
			<u>Robert L. Olsen</u>	
			ROBERT L. OLSEN DMS-991298919	
			Piper Aircraft, Inc. Vero Beach, Florida	
Total To Carry Forward		<u>4.5</u>		

Registration No. N753KS

and Remarks	Signature	Certificate No.
The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F.		
1. Make <u>GARMIN</u> Model <u>GTX330</u> S/N <u>84149351</u>		
2. Make <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u>		
Details of this inspections are on file at this facility under:		
ACFT S/N <u>2844159</u> Date <u>12/08/15</u>		
The Automatic Pressure Altitude Reporting Equipment Test required by FAR Part 91.217 have been performed this date: <u>12/08/15</u>		
<u>Robert L. Olsen</u>		
ROBERT L. OLSEN DMS-991298919		
Piper Aircraft, Inc. Vero Beach, Florida		



# 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**

**N753KS**

AFTT: 8.1  
TACH: 8.1

Performed a Kent State University Aircraft acceptance inspection. Removed cowling, and visually inspected engine compartment. Installed additional standoffs at the oil cooler lines to prevent chafing between oil cooler lines and airbox. Removed propeller spinner, performed visual inspection, and reinstalled spinner. Serviced tires, hydraulic systems, and battery. Installed Reiff engine preheater P/N SL4, and updated aircraft weight & balance and equipment list as required. Removed interior and exterior inspection panels as required and performed a visual inspection. Installed clear plexiglass holder in baggage area sidewall as a minor alteration to display required aircraft documents. Performed normal and emergency gear swings, and inspected nose gear travel for proper rigging. Found with gear retracted, nose gear hydraulic actuator makes significant contact with the right defrost valve air deflector. Repositioned deflector plate, no further defects noted. Installed new compass deviation card as provided by Piper Aircraft. Found oil temperature gauge needle bent and damaged. Removed instrument gauge cluster, disconnected cluster wiring, and replaced oil temperature gauge with a new P/N 478-645. Reinstalled cluster back in aircraft and reconnected all wiring and oil pressure sense line. Replaced OEM landing light with a new Whelen Parmetheus Plus FAA/PMA'd LED landing light P/N 01-0771833-10 as a minor alteration. Found forward landing light wire polarity reversed, as the positive wire was found to be the unshielded braided wire. Reversed molex pins at back of lower cowling to correct polarity. Lubed stabilator trim drum with Lubriplate. Found aileron cable tension low (20lbs) at 70 degrees F. Adjusted aileron primary and secondary cable turnbuckles as required to obtain 40lbs tension on all aileron cables. Aileron travel found to be within limits. Secured loose manifold pressure sense line fitting at #3 cylinder. Found parking brake handle release button return spring to be inop. Loosened release button thru bolt/nut with no further defects noted. Reinstalled all interior and exterior inspection panels. Ran aircraft and leak checked oil pressure gauge fitting with no leaks noted. Updated both GPS and G500 navigation databases with an expiration date of 2-4-2016. 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: 01/07/2016

Signed: [Signature] 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**

**N753KS**

AFTT: 9.9  
TACH: 9.9

Replaced stall warning horn with new P/N 565-407. 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: 01/14/2016

Signed: [Signature] Charles Doyle A&P 3125891

**KENT STATE UNIVERSITY**

**ENGINE-PA28R-201**

**N753KS**

Total Time in Service: 23.8

A/C TOTAL TIME :	<u>23.8</u>
ENG TOTAL TIME :	<u>23.8</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>23.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>23.8</u>

Complied with, 25 HR SPECIAL OIL CHANGE  
Complied with: Lycoming S.I. 1492B (oil filter insp.) & S.I. 480E (Oil filter & suction screen insp.). Changed oil & filter with 6 QTS. Phillips 20W-50 Mineral Oil & AA48111 filter. Took oil sample. Visually inspected engine for general condition with no defects noted. Performed post maintenance engine run-up for leak check, no leaks noted, operationally checked good. All work performed IAW the Lycoming Direct Drive Engine Maintenance Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 01/25/2016

Signed: [Signature] Charles Doyle A&P 3125891

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 40.0  
TACH: 40.0

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



# 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**

**N753KS**

Total Time in Service: 48.8

A/C TOTAL TIME : 48.8  
ENG TOTAL TIME : 48.8  
ENG T.S.M.O.H. : N/A  
TACH TIME : 48.8  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 48.8

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. 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: 02/11/2016

Signed: [Signature] Charles Doyle A&P 3125891

**KENT STATE**  
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AFTT: 72.5

TACH: 72.5

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

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 03/02/2016

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

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

**KENT STATE**  
UNIVERSITY

AFTT: 99.6

TACH: 99.6

**N753KS**

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

**KENT STATE**  
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I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.  
Time in Service: 99.6

A/C TOTAL TIME : 99.6  
ENG TOTAL TIME : 99.6  
ENG T.S.M.O.H. : N/A  
TACH TIME : 99.6  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 99.6

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 (12/2021). 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. Adjusted tension on upper and lower stabilator cables and saftied turnbuckles using new clips P/N MS21256-1. Repaired broken wire on LMG downlock switch. Tightened and re-saftied oil fill tube. 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: 04/07/2016

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

**KENT STATE**  
UNIVERSITY

AFTT: 125.6

TACH: 125.6

**N753KS**

Repaired LMG downlock switch wiring as required, 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: 04/20/2016

Signed: [Signature] Lu Dong A&P 3330485



# NEW AND SERVICABLE PARTS TAGS



N753KS

WITH  
R OF

AFTT: 149.6  
TACH: 149.6

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-PA28R-201

N753KS

Total Time in Service: 158.8

A/C TOTAL TIME :	<u>158.8</u>
ENG TOTAL TIME :	<u>158.8</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>158.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>158.8</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. Resealed leaking oil pressure sense line fitting at forward side of firewall and leak checked with no further leakage 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: 5/5/2016

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.



N753KS

AFTT: 187.5  
TACH: 187.5

Found one ring terminal at LMG downlock switch broken. Replaced ring terminal with new, and secured LMG downlock switch wire bundle with tie wrap strays as required. Adjusted routing of LMG downlock switch wiring to prevent future strain on individual wires. Jacked aircraft, adjusted LMG downlock switch as required, and performed normal and emergency gear swings with no further defects noted. All work performed IAW the Piper PA-28r-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 5/20/2016

Signed: Joshua Eyring A+P 2761827.



N753KS

AFTT: 199.5  
TACH: 199.5

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



I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 199.5

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

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 (12-2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Replaced cabin heat shroud inlet rubber hose 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: 06/02/2016

Signed: Lu Dong A&P 3330485 IA.



# AIRFRAME MAINTENANCE LOG

## NEW AND SERVICABLE PARTS TAGS

**KENT STATE UNIVERSITY**

**N753KS**

WITH R OF

AFTT: 224.2  
TACH: 224.2

Updated GPS Nav database, cycle expires 07-21-2016.  
The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 06/23/2016

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

**KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**

**N753KS**

Total Time in Service: 248.8

A/C TOTAL TIME : 248.8  
ENG TOTAL TIME : 248.8  
ENG T.S.M.O.H. : N/A  
TACH TIME : 248.8  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 248.8

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. 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: 07/15/2016

Signed: [Signature] Charles Doyle A&P 3125891

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 250.8  
TACH: 250.8

Updated GPS Nav database, cycle expires 08-18-2016.  
The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 07/20/2016

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**

**N753KS**

AFTT: 281.1  
TACH: 281.1

Removed original pilot and co-pilot seat belts and inertia reels. Installed AMSAFE inflatable pilot and co-pilot restraint system per STC SA02276AK (see Form 337 dated 8/16/2016). Updated aircraft weight and balance. Performed AMSAFE DTC check per AMSAFE Instructions for Continued Airworthiness 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: 08/16/2016

Signed: [Signature] Charles Doyle A&P 3125891

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 281.1  
TACH: 281.1

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

**KENT STATE UNIVERSITY**

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.  
Time in Service: 299.0

A/C TOTAL TIME : 299.0  
ENG TOTAL TIME : 299.0  
ENG T.S.M.O.H. : N/A  
TACH TIME : 299.0  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 299.0

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 (12/2021). 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 Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Repacked NG, LMG and RMG wheel bearings. Replaced LMG outboard and RMG inboard brake linings with new 066-10500. Replaced RMG tire with new P/N Goodyear tire 6.00\*6\*6 FCIII. Replaced cabin heat shroud inlet rubber hose with new P/N 565-447. 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: 09/08/2016

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



# NEW AND SERVICABLE PARTS TAGS

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

KENT STATE  
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N753KS

AFTT: 311.7  
TACH: 311.7

Updated GPS Nav database, cycle expires 10-13-2016.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 09/15/2016

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

KENT STATE  
UNIVERSITY

AIRFRAME-PA28R-201

N753KS

Total Time in Service: 344.9

A/C TOTAL TIME :	<u>344.9</u>
ENG TOTAL TIME :	<u>344.9</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>344.9</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>344.9</u>

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Removed inop electric fuel pump motor P/N 761-599 and replaced with new P/N 761-599. 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: 09/28/2016

Signed: Joshua Eyring Joshua Eyring A+P 2761827

DATE

KENT STATE  
UNIVERSITY

N753KS

AFTT: 378.8  
TACH: 378.8

Replaced three terminal rings on LH landing gear downlock switch with new, and repositioned downlock switch wiring bundle as required. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 10/07/2016

Signed: Lu Dong Lu Dong A&P 3330485

KENT STATE  
UNIVERSITY

N753KS

AFTT: 397.5  
TACH: 397.5

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

KENT STATE  
UNIVERSITY

N753KS

AFTT: 398.3  
TACH: 398.3

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: 10/26/2016

Signed: Lu Dong 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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I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service :**398.3**

A/C TOTAL TIME :	<b>398.3</b>
ENG TOTAL TIME :	<b>398.3</b>
ENG T.S.M.O.H. :	<b>N/A</b>
TACH TIME :	<b>398.3</b>
PROP T.S.M.O.H. :	<b>N/A</b>
PROP TOTAL TIME :	<b>398.3</b>

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 (12/2021). 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. Complied with hydraulic fluid contamination check with no defects noted. Replaced lower cowlings bushings with new P/N MC69790-00. Removed starter P/N 31B23592 (149-NL), S/N FN-301602. Installed new starter P/N 149-NL, S/N FN-2916129. Replaced NLG upstop pad with new P/N 37970-005. Replaced LMG inboard and RMG outboard brake linings with new P/N 066-10500. Replaced left wing outboard aileron pulley with new Piper P/N 481-614. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **10/28/2016**

Signed: Charles Doyle A&P 3125891 IA



**N753KS**

AFTT: **417.7**  
TACH: **417.7**

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

Signed: Joshua Eyring A+P 2761827. Date: **11/9/2016**

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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**N753KS**

AFTT: **458.1**  
TACH: **458.1**

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: **12/07/2016**

Signed: Thomas S. Napoletano A&P 3007727



**N753KS**

Total Time in Service: **458.1**

A/C TOTAL TIME :	<b>458.1</b>
ENG TOTAL TIME :	<b>458.1</b>
ENG T.S.M.O.H. :	<b>N/A</b>
TACH TIME :	<b>458.1</b>
PROP T.S.M.O.H. :	<b>N/A</b>
PROP TOTAL TIME :	<b>458.1</b>

Piper

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

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced LMG tire with new P/N Goodyear tire 6.00\*6\*6 FCIII. Replaced NG stop bumper with new P/N 37970-005. Complied with **FAR 91.207** by inspecting and testing ELT on both 121.5 and 406 MHZ by using www.406test.com website. Generated ELT report from website with no defects noted, next due **12/2017**. ELT battery expires **12/2021**. 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: **12/08/2016**

Signed: Lu Dong A&P 3330485



**N753KS**

AFTT: **465.8**  
TACH: **465.8**

Removed main battery, serviced, recharged and reinstalled this battery. 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: **12/20/2016**

Signed: Lu Dong A&P 3330485



# NEW AND SERVICABLE PARTS TAGS



N753KS

AFTT: 468.6  
TACH: 468.6

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



N753KS

AFTT: 472.7  
TACH: 472.7

Cleaned and inspected fuel system gascolator and reinstalled lock wire. Replaced oil cooler SCAT hose with new. Leak and operations checked with no defects noted, per: Piper Seminole PA-28R-201 Series Maintenance Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 01/09/2017

Signed: [Signature] Lu Dong A&P 3330485



N753KS

AFTT: 496.2  
TACH: 496.2

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

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

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



I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 498.2

A/C TOTAL TIME : 498.2  
ENG TOTAL TIME : 498.2  
ENG T.S.M.O.H. : N/A  
TACH TIME : 498.2  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 498.2

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (12/2021). 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 replacing filter with new P/N 638876. Next due at AFTT of 998.2. Complied with S.B. 1156 (nose gear draglink bolt) by replacing bolt with new P/N NAS464P4-27 and two new bearings Piper P/N 452-800. Complied with Standby Attitude Indicator battery capacity test with no defects noted. Replaced muffler bottom heat shroud with new P/N 67808-000. Replaced CO detector with new one, expires 01/2018. 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: 02/22/2017

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



N753KS

AFTT: 508.0  
TACH: 508.0

Repositioned fuel strainer as required. 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: 02/27/2017

Signed: [Signature] Lu Dong A&P 3330485

# NEW AND SERVICABLE PARTS TAGS



# NEW AND SERVICABLE PARTS TAGS

**D. KENT STATE UNIVERSITY**

AFTT: 512.4  
TACH: 512.4

# N753KS

**WITH  
ER OF**

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

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 03/01/2017

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



KENT STATE  
UNIVERSITY

AFTT: 539.6  
TACH: 539.6

# N753KS

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



KENT STATE  
UNIVERSITY

**AIRFRAME-PA28R-201**

**N753KS**

Total Time in Service: **555.8**

A/C TOTAL TIME :	<u>555.8</u>
ENG TOTAL TIME :	<u>555.8</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>555.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>555.8</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. Replaced NLG wheel tube with new 5.00x5 Goodyear tube, cleaned and repacked wheel bearings. Replaced worn propeller governor control cable rod end with new P/N 89307-000. All work performed IAW the PA28R-201 Arrow Service Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 04/12/2017

Signed:  Charles Doyle A&P 3125891

DATE	TACH OR AFTT
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**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: 597.8  
TACH :597.8

# N753KS

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: Joshua Eyring Joshua Eyring A+P 2761827. Date: **04/27/2017**



KENT STATE  
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.  
Time in Service :597.8

A/C TOTAL TIME :	<u>597.8</u>
ENG TOTAL TIME :	<u>597.8</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>597.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>597.8</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 (12/2021). 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. Repacked LMG and RMG wheel bearings. Replaced LMG outboard and RMG inboard brake linings with new P/N 066-10500. Tightened 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: 05/10/2017

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

# NEW AND SERVICABLE PARTS TAGS



# NEW AND SERVICABLE PARTS TAGS

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

**N753KS**

AFTT: 628.1  
TACH: 628.1

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

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

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 640.6  
TACH: 640.6

Placarded and disabled fin strobe inop. IAW FAR 91.213d. Disabling performed by disconnecting fin strobe molex connector at strobe power supply. 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: 05/30/2017

Signed: [Signature] 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.
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**KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**

**N753KS**

Total Time in Service: 655.5

A/C TOTAL TIME :	<u>655.5</u>
ENG TOTAL TIME :	<u>655.5</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>655.5</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>655.5</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. Replaced red tail strobe light assembly with a new P/N 683-504. Reconnected tail strobe to strobe power supply and removed inop. placards. Ops test of tail strobe is normal. Installed new vinyl decals to left and right side of vertical stabilizer. Adjusted cabin door lock tab for proper engagement. Cleaned throttle control cable at cockpit and engine ends as required. All work performed IAW the PA28R-201 Arrow Service Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 06/06/2017

Signed: [Signature] Joshua Eyring A+P 2761827

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 678.1  
TACH: 678.1

Removed RMG tire/wheel assembly from aircraft, replaced leaking tube with new Goodyear 15/6.00X6, rotated tire for even wear, repacked RMG wheel bearings and reassembled tire/wheel. Reinstalled back on aircraft and replaced RMG outboard brake lining with new P/N 066-10500 using two new 105-00200 rivets. 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: 06/13/2017

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

# 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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**N753KS**

AFTT: 686.5  
TACH: 686.5

Replaced three rivets on oil door hinge with two AD470-4-4, one AD470-3-4 and replaced latch striker plate with new P/N 99094-004. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 06/16/2017

Signed: Charles Doyle A&P 3125891



**N753KS**

AFTT: 693.6  
TACH: 693.6

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

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

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 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 696.2

A/C TOTAL TIME :	<u>696.2</u>
ENG TOTAL TIME :	<u>696.2</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>696.2</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>696.2</u>

*Piper*

Complied with an Annual Inspection. Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (12/2021). Cleaned and inspected fuel system gascolator and reinstalled. 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 cracked #1 cylinder front baffle with new P/N 99595-000. Replaced outboard battery hold down strap with new P/N 687-604. Replaced battery box cover with new P/N 35201-000. Replaced nose gear bumper stop with new P/N 37970-005. Replaced left and right upper cowling bushings with new P/N MC69790-00. Replaced right aileron cable out board pulley with new P/N 481-614 and bearing with new P/N 62713-002. Removed alternator P/N ALX-8521LS-1, S/N H-P091287 and installed new alternator Lycoming P/N LW-14338 (ALX-8521LS-1), S/N H-R040262. Replaced nose tire with new Goodyear 5.00x5 FCII 6 ply tire 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: 07/14/2017

Signed: Charles Doyle A&P 3125891 IA

**PA28R**



**N753KS**

AFTT: 696.4  
TACH: 696.4

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

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

# NEW AND S PARTS



# 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**

**N753KS**

AFTT: 725.0  
TACH: 725.0

Performed troubleshooting related to ammeter reading "zero" in flight. Reseated ammeter fuses near shunt and reseated fuse wire circuit mollex connector. Ran aircraft and found ammeter to read zero with full electrical load after several minutes of charging. Removed gauge cluster, and replaced ammeter with new P/N 548-910. Repaired cold solder joint at upper gauge cluster backlight socket. Reinstalled gauge cluster back in aircraft and ran charging system. Load meter now reads correctly. Checked oil pressure sense line connection at back of gauge cluster with no leaks noted. All work performed IAW the Piper PA28R-201 Arrow III Aircraft Maintenance Manual (S/N's 2844001 & Up).

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 8/10/2017

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

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 744.5  
TACH: 744.5

Updated GPS Nav database, cycle expires 09-14-2017 and obstacle, safe taxi and airport directory databases. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 08/15/2017

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

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**

**N753KS**

Total Time in Service: 751.9

A/C TOTAL TIME :	<u>751.9</u>
ENG TOTAL TIME :	<u>751.9</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>751.9</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>751.9</u>

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced LMG inboard brake lining with new P/N 066-10500. Complied with Amsafe DTC Inspection/Check with no defects noted. Complied with Hydraulic Fluid Contamination check with no defects noted. Cleaned and tightened ammeter shunt connections for ammeter not showing a load. Operations checked with no defects. All work performed IAW the PA28R-201 Arrow Service Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with regulations of the Federal Aviation Administration and is approved for return to service. Date: 08/23/2017

Signed: [Signature] Charles Doyle A&P 3125891

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 770.3  
TACH: 770.3

Replaced right recognition light with new P/N A775-14. 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: 08/28/2017

Signed: [Signature] Charles Doyle A&P 3125891

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 796.1  
TACH: 796.1

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



# NEW AND SE PARTS TAGS

FOR	N	030	060	E	120	150
STEER	360	030	059	090	120	150
FOR	S	210	240	W	300	330
STEER	180	210	240	271	303	331
DATE	10-02-2017		Radios On			

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 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service :796.1

A/C TOTAL TIME : 796.1  
ENG TOTAL TIME : 796.1  
ENG T.S.M.O.H. : N/A  
TACH TIME : 796.1  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 796.1

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 (12/2021). 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 forward muffler with PMA P/N A67517-00. Replaced cabin heat shroud inlet duct with new P/N 565-447. Replaced NLG up stop bumper with new P/N 37970-005. Replaced both center stabilator control cable pulleys with new P/N 62711-003. Replaced upper cowling oil door hinge with new P/N 65291-003 and latch with new P/N 472-017. Replaced right main tire with new Goodyear 6.00x6 FCIII 6 ply tire and brake disc with new P/N 164-02000. Replaced right inboard brake lining with new P/N 066-10500. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 09/27/2017

Signed: Charles Doyle A&P 3125891 IA

KENT STATE UNIVERSITY

AFTT: 807.1  
TACH: 807.1

Performed compass swing and updated compass deviation card as required 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: 10/2/2017

Signed: Joshua Eyring A+P 2761827.

N753KS

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: 821.0  
TACH: 821.0

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

N753KS

KENT STATE UNIVERSITY

AFTT: 821.0  
TACH: 821.0

Replaced stall warning horn with new P/N 565-407. 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: 10/17/2017

Signed: Lu Dong A&P 3330485.

N753KS

KENT STATE UNIVERSITY

AFTT: 843.9  
TACH: 843.9

Inspected landing gear system and found nose gear upstop had migrated out limiting nose gear travel in the up position. Rigged nose gear upstop and secured jamb nut. Performed multiple normal and emergency gear swings with no defects noted. All 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: 10/26/2017

Signed: Joshua Eyring A+P 2761827.

PARTS TAGS



# NEW AND SERVICABLE PARTS TAGS

DATE	TACH OR AFTT	DESCRIPTION OF WORK PERFORMED REPAIR STATION NUMBER PERSON	USED WITH NUMBER OF
		<p>AIR MFG: <u>GARMIN/UNITED</u> Steiner Aviation</p> <p>AIR P/N: <u>GDS 740/ 5724-PP1</u> 5430 Lauby Road</p> <p>AIR S/N: <u>2062105/ 567810</u> North Canton</p> <p>A/C N #: <u>N753KS</u> CRS V4N</p> <p>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".</p> <p>STATIC SYSTEM(S) LEAK CHECKED <input checked="" type="checkbox"/> <input checked="" type="checkbox"/></p> <p>ALTIMETER(S) CERTIFIED BY CRS TO <u>20,000</u> FT., REFER TO ATTACHED MAINTENANCE RELEASE ALTITUDE ENCODING SYSTEM CERTIFIED BY STEINER AVIATION INTERNATIONAL, INC CRSV4NR896Y</p> <p>SIGNED: <u>Timothy J. Perkin</u></p> <p>DATE: <u>1 NOV 2017</u> CERT NO. <u>V4NR896Y</u></p> <p>TYPE ANY COMMENTS HERE</p> <p>MAINTENANCE RELEASE</p> <p>The aircraft or appliance identified above was repaired and inspected in accordance with the Federal Aviation Agency and is approved for return to service. Part station under</p> <p>Work Order Number <u>11262</u></p> <p>Date: <u>1 NOV 2017</u> Time <u>977.3</u></p> <p>Signed: <u>Timothy J. Perkin</u></p> <p>STEINER AVIATION INTERNATIONAL INC CRS V4NR896Y</p>	

DATE **KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**  
**N753KS**  
Total Time in Service: 853.0

A/C TOTAL TIME : 853.0  
ENG TOTAL TIME : 853.0  
ENG T.S.M.O.H. : N/A  
TACH TIME : 853.0  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 853.0

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

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Replaced LH and RH outboard brake linings with two new P/N 066-10500. Replaced nose gear up stop bumper with new P/N 37970-005. Performed normal and emergency gear swing with no defects noted. 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: 11/02/2017

Signed: [Signature] Lu Dong A&P 3330485

**KENT STATE UNIVERSITY**

AFTT: 856.9  
TACH: 856.9

**N753KS**

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

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

**KENT STATE UNIVERSITY**

AFTT: 895.9  
TACH: 895.9

**N753KS**

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



# NEW AND SERVICABLE PARTS TAGS

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



N753KS

AFTT: 889.9  
TACH: 889.9

Complied with inspection for reported hard landing per Piper Maintenance Manual procedures. Inspected landing gear struts, wheels tires and brakes, wheel wells and landing gear attach points with no defect noted. Inspected wing attach bolts, and wing skins and spar attach with no defect noted. Inspected engine, mounts and nose gear for damage with no defect noted. Inspected fuselage and empennage for buckling, wrinkles and loose or missing rivets with no defect noted. Performed gear swings with no defect 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: 11/28/2017

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



I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.  
Time in Service: 895.9

A/C TOTAL TIME :	895.9
ENG TOTAL TIME :	895.9
ENG T.S.M.O.H. :	N/A
TACH TIME :	895.9
PROP T.S.M.O.H. :	N/A
PROP TOTAL TIME :	895.9

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 01/2019. ELT battery expires 12/2021. Complied with Piper S.B. 1313 (stab trim pulley bracket) with no defects noted. Cleaned and inspected fuel system gascolator and reinstalled lock wire. Cleaned and inspected induction air filter. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Performed normal and emergency gear swings with no defects noted. Removed propeller P/N B2D34C213-B, S/N 150424 for leaking hub and repaired by Sensenich Propeller Service, Inc under work order #L29229 dated 1/4/2018. Reinstalled propeller P/N B2D34C213-B, S/N 150424. Updated GPS Nav databases, cycle expires 2/1/2018 and obstacle, airport and taxi databases, cycle expires 02/01/2018. Replaced left aileron outboard pulley with new Piper P/N 481-614. Replaced right flap static wick jumper with new Piper P/N 494-678. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 01/10/2018

Signed: Charles Doyle Charles Doyle A&P 3125891 IA

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



N753KS

AFTT: 896.1  
TACH: 896.1

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 Charles Doyle A&P 3125891



N573KS

AFTT: 916.8  
TACH: 916.8

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



N753KS

AFTT: 923.7  
TACH: 923.7

Replaced stall warning horn with new Piper P/N 565-407. 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: 02/09/2018

Signed: Charles Doyle Charles Doyle A&P 3125891

# NEW AND SERVICABLE PARTS TAGS



# AIRFRAME MAINTENANCE LOG

KENT STATE  
UNIVERSITY

N753KS

AFTT: 933.5  
TACH: 933.5

Removed engine cowling, inspected alternator wiring connection and fuse with no defects noted, reinstalled engine cowling. 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: 02/26/2018

Signed: [Signature] Lu Dong A&P 3330485

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KENT STATE  
UNIVERSITY

N753KS

AFTT: 939.5  
TACH: 939.5

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  
AIRFRAME-PA28R-201

N753KS

Total Time in Service: 953.4

A/C TOTAL TIME : 953.4  
ENG TOTAL TIME : 953.4  
ENG T.S.M.O.H. : N/A  
TACH TIME : 953.4  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 953.4

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Secured loose compass card holder, fire extinguisher service tag, overhead flood light rheostat, and throttle control knob. Interior & exterior airframe inspected for general condition with no defects noted. Replaced worn LMG tire with new Goodyear 6.00X6 FCIII, tube with new Goodyear 15/6.00X6, and repacked bearings. Cleaned and lubed yoke shafts. Cleaned and lubed all engine control cables. 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: 03/07/2018

Signed: [Signature] Joshua Eyring A+P 2761827

# AIRFRAME MAINTENANCE LOG

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

KENT STATE  
UNIVERSITY

N753KS

AFTT: 975.2  
TACH: 975.2

Removed alternator part number ALX-8521LS-1 serial number H-R040262 and replaced with new part number ALX-8521LS-1 serial number H-R072416. 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: 03/21/2018

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

KENT STATE  
UNIVERSITY

N573KS

AFTT: 990.3  
TACH: 990.3

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

KENT STATE  
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 1089.6

A/C TOTAL TIME : 1089.6  
ENG TOTAL TIME : 1089.6  
ENG T.S.M.O.H. : N/A  
TACH TIME : 1089.6  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 1089.6

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 (12/2021). 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. Replaced nose gear up stop bumper with new P/N 37970-005. Replaced nose gear lower drag link attach bolt with new P/N AN5-51. Replaced left aileron cable outboard pulley with new P/N 481-614. Replaced type "C" hose from electric fuel pump to servo with new type "D" hose P/N AE3660061G0133 and oil pressure sense line type "C" hose with new type "D" hose P/N AE3660001E0130. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 05/30/2018

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



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## ENANCE LOG

**KENT STATE**  
UNIVERSITY

I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service :**990.3**

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

DA 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 (12-2021). 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. Repacked NG and RMG wheel bearings. Complied with **A.D. 84-26-02** (induction air filter) by replacement with new filter P/N 638876, next due AFTT **1490.3**. Complied with **S.B. 1156** (NLG draggling bolt/bearings) by replacing bolt with a new P/N NAS464P4-27 and both bearings with new P/N 452-800, next due AFTT **1490.3**. Complied with Standby Attitude Indicator battery capacity check with no defects noted. Installed POH revision VB-1612 Revision 30 (PR180223) dated 2/23/2018. Replaced LH aileron outboard pulley with a new P/N 481-614. Removed alternator inoperative switch P/N A00258-1, S/N 80M50403, installed a new alternator inoperative switch P/N A00258-1, S/N 80Q36310. Replaced nose wheel axle pin with a new P/N MS20392-1C19. Adjusted stabilator control cable tension as needed. Replaced nose gear upstop bumper with new P/N 37970-005. Verified **A.D. 2018-02-05** (fuel tank selector placards) compliance by verifying **Piper S.B. 1309** was PCW on 01/16/2018 at AFTT **896.1**, no further action is 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: **04/02/2018**

Signed:  Lu Dong A&P 3330485 IA

**KENT STATE**  
UNIVERSITY

**N753KS**

AFTT: **1008.1**  
TACH: **1008.1**

Verified compliance with **A.D 2018-07-03** by previous compliance with **A.D. 2018-02-05** on 04/02/2018 at AFTT **990.3**. 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:  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

**N753KS**

AFTT: **1009.3**  
TACH: **1009.3**

Replaced left 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: **04/10/2018**

Signed:  Charles Doyle A&P 3125891

**KENT STATE**  
UNIVERSITY

**N753KS**

AFTT: **1038.3**  
TACH: **1038.3**

Updated GPS Nav database, cycle expires 05-24-2018.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **04/25/2018**

Signed:  Thomas S. Napoletano A&P 3007727

**KENT STATE**  
UNIVERSITY  
**AIRFRAME-PA28R-201**  
**N753KS**

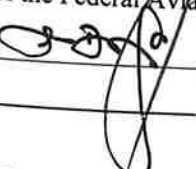
Total Time in Service: **1047.7**

A/C TOTAL TIME : **1047.7**  
ENG TOTAL TIME : **1047.7**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **1047.7**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **1047.7**

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

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Replaced LMG and RMG inboard brake linings with two new P/N 066-10500. Replaced LH flap inboard static wick with new 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: **04/30/2018**

Signed:  Lu Dong A&P 3330485



# NEW AND SERVICABLE PARTS TAGS

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

**N753KS**

AFTT: 1087.9  
TACH: 1087.9

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

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

**KENT STATE**  
UNIVERSITY

**N753KS**

AFTT: 1115.0  
TACH: 1115.0

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

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**

**N753KS**

Total Time in Service: 1139.3

A/C TOTAL TIME :	<u>1139.3</u>
ENG TOTAL TIME :	<u>1139.3</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1139.3</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1139.3</u>

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Complied with hydraulic fluid contamination check with no defects noted. Recertified aircraft fire extinguisher by visual inspection and weight check with no defects noted. Replaced right and left outboard brake linings with new P/N 066-10500. Replaced right aileron outboard static wick with new Piper P/N 494-678. Installed Piper Pilot Operating Handbook Revision 29 dated January 11, 2018. All work performed IAW the PA28R-201 Arrow Service Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 07/10/2018

Signed: [Signature] Charles Doyle A&P 3125891

**KENT STATE**  
UNIVERSITY

**N573KS**

AFTT: 1164.1  
TACH: 1164.1

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

# 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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I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service: **1189.0**

A/C TOTAL TIME :	<b>1189.0</b>
ENG TOTAL TIME :	<b>1189.0</b>
ENG T.S.M.O.H. :	<b>N/A</b>
TACH TIME :	<b>1189.0</b>
PROP T.S.M.O.H. :	<b>N/A</b>
PROP TOTAL TIME :	<b>1189.0</b>

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 (12/2021). 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. 1242** (rudder bar initial inspection) with no defects noted. Complied with Amsafe DTC inspection/check with no defects noted. Replaced left aileron cable outboard pulley with new Piper P/N 481-614. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **08/13/2018**

Signed: Charles Doyle A&P 3125891 IA



**N753KS**

AFTT: **1205.3**  
TACH: **1205.3**

Updated G500 and GNS 430W navigation databases, expires 9-13-2018.

Signed: Joshua Eyring A+P 2761827. Date: **08/17/2018**

DA



**N753KS**

AFTT: **1211.0**  
TACH: **1211.0**

Replaced RH gear position indication light bulb with new P/N GE 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: **08/20/2018**

Signed: Lu Dong A&P 3330485



**AIRFRAME-PA28R-201**

**N753KS**

Total Time in Service: **1238.3**

A/C TOTAL TIME :	<b>1238.3</b>
ENG TOTAL TIME :	<b>1238.3</b>
ENG T.S.M.O.H. :	<b>N/A</b>
TACH TIME :	<b>1238.3</b>
PROP T.S.M.O.H. :	<b>N/A</b>
PROP TOTAL TIME :	<b>1238.3</b>

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

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced right main tire with new Goodyear 6.00x6 FCIII 6 ply tire, cleaned and repacked wheel bearings. All work performed IAW the PA28R-201 Arrow Service Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **08/30/2018**

Signed: Charles Doyle A&P 3125891



**N753KS**

AFTT: **1251.3**  
TACH: **1251.3**

Stripped paint and performed dye penetrant inspection of the left lower nose gear trunnion area with no damage 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: **9/6/2018**

Signed: Sarah Boyd A&P 3762407



# NEW AND SERVICABLE PARTS TAGS

DA

**KENT STATE**  
UNIVERSITY

**N573KS**

AFTT: 1258.7  
TACH: 1258.7

Updated GPS Nav database, cycle expires 10-11-18 and Obstacle, Airport and Safe Taxi, cycle expires 11-08-18. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 09/11/2018

Signed: Thomas S. Napoletano A&P 3007727

**KENT STATE**  
UNIVERSITY

I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service: 1288.8

A/C TOTAL TIME :	<u>1288.8</u>
ENG TOTAL TIME :	<u>1288.8</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1288.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1288.8</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 (**12/2021**). 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 insp) by visual inspection with no defects noted, next due AFTT **1388.8**. Complied with **S.B. 1331** (stabilator idler arm assembly insp) by visual inspection with no defects noted. Cleaned and repacked left main wheel bearings. Replaced right recognition light with new P/N 01-0770110-04. Replaced nose gear up stop bumper with new P/N 37970-005. Replaced left and right main inboard brake linings with new P/N 066-10500. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 09/26/2018

Signed: Charles Doyle A&P 3125891 IA

DATE TACH OR AFTT

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

**KENT STATE**  
UNIVERSITY

AFTT: 1327.5  
TACH: 1327.5

**N753KS**

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

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

**KENT STATE**  
UNIVERSITY  
**AIRFRAME-PA28R-201**  
**N753KS**

Total Time in Service: 1345.5

A/C TOTAL TIME :	<u>1345.5</u>
ENG TOTAL TIME :	<u>1345.5</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1345.5</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1345.5</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. 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: 10/19/2018

Signed: Lu Dong A&P 3330485

**KENT STATE**  
UNIVERSITY

AFTT: 1376.0  
TACH: 1376.0

**N753KS**

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

# PARTS TAGS



JUST SYSTEMS

FAX (262) 763-3735

University	ent Rd	STATE OH	ZIP 44324
AFTT		SHROUD	CLAMPS
		RISERS	CONTACT

FINANCE LOG

# SERVICABLE TAGS

IMED. ALL DATA MUST BE ENDORSED WITH SIGNATURE AND CERTIFICATE NUMBER OF PERSON PERFORMING WORK.



I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service : **1385.5**

A/C TOTAL TIME : **1385.5**  
 ENG TOTAL TIME : **1385.5**  
 ENG T.S.M.O.H. : **N/A**  
 TACH TIME : **1385.5**  
 PROP T.S.M.O.H. : **N/A**  
 PROP TOTAL TIME : **1385.5**

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 (12/2021). 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 Piper **S.B. 1242** (rudder bar assembly inspection) with no defects noted. Removed Standby Attitude Indicator battery P/N 9015607, S/N L14-10494 and installed new P/N 9015607, S/N M17-10905. Performed capacity check on battery, passed with no defects noted. Complied with STC SA01147WI (see FAA 337 dated 11/21/2018) by removing Gill battery P/N G-35, S/N G0288583 and installing new Concorde battery P/N RG-35AXC, S/N 40983026 and updating aircraft weight and balance. Cleaned and repacked nose wheel bearings. Replaced left main tire with new Goodyear 6.00x6 FCIII 6 ply tire, replaced tube with new P/N G15/6.00x6, replaced brake disc with new P/N 164-02000, cleaned and repacked wheel bearings. Replaced forward muffler with new P/N 67517-002 and #1 cylinder exhaust riser with new P/N 67809-00. Replaced electric fuel pump motor with new P/N 8850-5. Replaced CO detector with new unit, expires **11/2019**. Tightened NLG right trunnion mount nut one flat. 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: **11/21/2018**

Signed: Charles Doyle A&P 3125891 IA

PA28R

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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N753KS

AFTT: **1390.5**  
 TACH: **1390.5**

Updated GPS Nav database, cycle expires 01-03-2019. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **12/04/2018**

Signed: Thomas S. Napoletano A&P 3007727



N753KS

AFTT: **1409.7**  
 TACH: **1409.7**

Removed old hydraulic gear pump 25amp circuit breaker and replaced with new Piper P/N: 652-409. Cycled gear, 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: **12/17/18**

Signed: Maxine Gibson A&P4003865



753 N573KS

AFTT: **1425.6**  
 TACH: **1425.6**

Updated GPS Nav database, cycle expires 01-31-19 and obstacle, safe taxi and airport databases expire 02-28-19. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **01/03/2019**

Signed: Thomas S. Napoletano A&P 3007727

# NEW AND SERVICABLE PARTS TAGS



# AIRFRAME MAINTENANCE LOG

## NEW AND SERVICABLE PARTS TAGS

**KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**  
**N753KS**  
 Total Time in Service: 1441.5

A/C TOTAL TIME : 1441.5  
 ENG TOTAL TIME : 1441.5  
 ENG T.S.M.O.H. : N/A  
 TACH TIME : 1441.5  
 PROP T.S.M.O.H. : N/A  
 PROP TOTAL TIME : 1441.5

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Cleaned and lubed yoke shafts. Complied with **FAR 91.207** (ELT inspection/test) by inspecting and testing the ELT with no defects noted. Replaced the left and right outboard brake linings 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: 1/16/2019

Signed: Sarah Boyd Sarah Boyd A&P 3762407

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 1449.4  
 TACH: 1449.4

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

Signed: Charles Doyle Charles Doyle A&P 3125891

Date: 02/01/2019

# AIRFRAME MAINTENANCE LOG

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

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 1452.5  
 TACH: 1452.5

Inspected landing gear system and found nose gear up limit switch slightly out of adjustment. Adjusted nose gear up limit switch, performed normal and emergency gear swings with no further defects noted. All work performed 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: 2/4/2019

Signed: Joshua Eyring Joshua Eyring A+P 2761827.

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 1466.4  
 TACH: 1466.4

Inspected landing gear doors for reported VLE exceedance 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: 02/19/2019

Signed: Charles Doyle Charles Doyle A&P 3125891

**KENT STATE UNIVERSITY**

**N573KS**

AFTT: 1480.5  
 TACH: 1480.5

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

## NEW AND SERVICABLE PARTS TAGS



# NEW AND SERVICABLE PARTS TAGS

DATE	KENT STATE UNIVERSITY	A/C TOTAL TIME :	1485.1
		ENG TOTAL TIME : <td>1485.1</td>	1485.1
		ENG T.S.M.O.H. : <td>N/A</td>	N/A
		TACH TIME : <td>1485.1</td>	1485.1
		PROP T.S.M.O.H. : <td>N/A</td>	N/A
		PROP TOTAL TIME : <td>1485.1</td>	1485.1

I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.  
Time in Service : **1485.1**

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 (12/2021). 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 **A.D. 84-26-02** (induction air filter) by replacing filter with new P/N P617053. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Complied with **S.B. 1156** (Nose gear draglink bolt/bearing) by inspecting and replacing the bolt and both bearings with new P/N NAS464P4-27 and 452-800. Cleaned and repacked the RMG wheel bearings. Replaced the right brake caliper o-ring with new P/N MS28775-222 and bled the right brake. Installed the new POH revision #31. 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: **3/12/2019**

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

DATE	KENT STATE UNIVERSITY	A/C TOTAL TIME :	1534.8
		ENG TOTAL TIME : <td>1534.8</td>	1534.8
		ENG T.S.M.O.H. : <td>N/A</td>	N/A
		TACH TIME : <td>1534.8</td>	1534.8
		PROP T.S.M.O.H. : <td>N/A</td>	N/A
		PROP TOTAL TIME : <td>1534.8</td>	1534.8

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

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

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

N753KS

AFTT: **1518.0**  
TACH: **1518.0**

Replaced Nose Gear indicator light bulb with new P/N 330, operations checked with no defects noted. All work done IAW Piper PA-28R-201 Maintenance Manuals (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: **04/01/2019**

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

KENT STATE UNIVERSITY

N753KS

AFTT: **1531.2**  
TACH: **1531.2**

Removed and replaced the left recognition light with new P/N 01-0770110-04. Removed and replaced the left flap inboard static wick with new P/N 494-678. 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: **4/8/2019**

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

KENT STATE UNIVERSITY  
**AIRFRAME-PA28R-201**  
N753KS

Total Time in Service: **1534.8**

A/C TOTAL TIME : **1534.8**  
ENG TOTAL TIME : **1534.8**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **1534.8**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **1534.8**

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. Complied with the hydraulic fluid contamination check with no defects. Replaced the alternator brushes with new P/N ALE-1013AS. 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: **4/18/2019**

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



# 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

N753KS

AFTT: 1556.1  
TACH: 1556.1

Updated G500 and GNS430W GPS navigation databases, cycle expires 5-23-2019. Updated G500 basemap to version 19M1. Updated Obstacle, Safetaxi, and Airport Directory cycle expires 6-20-2019.

Signed: Joshua Eyring A+P 2761827. Date: 4/29/2019

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service 1584.5

A/C TOTAL TIME : 1584.5  
ENG TOTAL TIME : 1584.5  
ENG T.S.M.O.H. : N/A  
TACH TIME : 1584.5  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 1584.5

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (12/2021). 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 stab cable pulley under cabin floor with new P/N 62711-003. Replaced landing light lens with new P/N 68-3971486A-30. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 05/17/2019

Signed: 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.

KENT STATE UNIVERSITY

N753KS

AFTT: 1588.1  
TACH: 1588.1

Removed the left front seat from aircraft and found lower cushion webbing had come loose. Secured lower inboard seat cushion using new hog rings. Reinstalled seat back in aircraft. 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: 5/21/2019

Signed: Joshua Eyring A+P 2761827.

KENT STATE UNIVERSITY

N753KS

AFTT: 1591.2  
TACH: 1591.2

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

Signed: Charles Doyle A&P 3125891

Date: 05/23/2019

MFG Piper  
MODEL PA 28R-201  
A/C S/N 2844159  
A/C N# N753KS

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

DATE 31/May/2019  
WO # 12064  
T.T. 1816.8 Hobbs  
T.L. N/A

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

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 112064  
DATE 31/May/2019 Time 1816.8 Hobbs Time  
Signed: Steiner Aviation International, Inc. V4NR896Y  
5430 Lauby Rd. North Canton, Ohio 44720

## NEW AND SERVICABLE PARTS TAGS



# NEW AND SERVICABLE

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

MFG Piper  
MODEL PA 28R-201  
A/C S/N 2844159  
A/C N# N753KS

DATE 31/May/2019  
WO # 12064  
T.T. 1816.8 Hobbs  
T.L. N/A

**D** Removed the existing Mid Continent P/N 4300-411 S/N L14-10770 Standby Horizon and Mid Continent P/N 9015607 S/N M17-10905 back up Battery.  
Installed new Garmin G5 instrument P/N 011-03809-00 S/N 4JQ028099 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 12064  
DATE 31/May/2019 Time 1816.8 Hobbs Time  
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

MFG Piper  
MODEL PA 28R-201  
A/C S/N 2844159  
A/C N# N753KS

DATE 31/May/2019  
WO # 12064  
T.T. 1816.8 Hobbs  
T.L. N/A

Removed the existing Garmin GTX 330 transponder.  
Installed a new Garmin GTX 345 P/N 011-03302-00 S/N 3EG024570.  
The GTX 345 is connected to the GNS 430W for WAAS GPS position and display, G500 MFD for ADS-B display audio system.  
For traffic alert the existing encoder for pressure altitude input, and the existing transponder antenna.  
The installation was completed as per Garmin STC # SA01714WI, STC IM P/N 190-00734-10 Rev. 12 dated Mar. 31, 2019 and AC 43.13-1B and AC 43.13-2B as applicable. The system was tested as per the config/Checkout procedures section of the Garmin IM and 14 CFR Part 43, Appendix E and F as applicable. The system was Found to perform all of its intended functions and not interfere with the operation of any other system in the aircraft.  
Updated the weight and balance and equipment list as required. The GTX 345 pilot guide P/N 190-01499-00 Rev. C Aug. 31, 2017 and AFMS P/N 190-00734-15 Rev. 3 Nov 30, 2017 and ICA P/N 190-00734-11 Rev. 6 Nov 30, 2017 were Placed in the aircraft and should be in the aircraft available to the pilot at all times. This installation complies with 14 CFR 91.227 ADS-B compliance.

## MAINTENANCE RELEASE

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

Work Order Number 12064  
DATE 31/May/2019 Time 1816.8  
Signed [Signature]  
Steiner Aviation International, Inc. V4NR896Y  
5430 Lauby Rd. North Canton, Ohio 44720

# 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

N753KS

AFTT: 1614.7  
TACH: 1614.7

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

Signed: [Signature] Charles Doyle A&P 3125891

Date: 06/18/2019

KENT STATE UNIVERSITY

N753KS

AFTT: 1642.1  
TACH: 1642.1

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

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 07/17/2019

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

KENT STATE UNIVERSITY

AIRFRAME-PA28R-201  
N753KS

Total Time in Service: 1642.1

A/C TOTAL TIME : 1642.1  
ENG TOTAL TIME : 1642.1  
ENG T.S.M.O.H. : N/A  
TACH TIME : 1642.1  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 1642.1

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Recertified the aircraft fire extinguisher by visual inspection and weight check with no defects noted. Replaced right inboard brake lining with new P/N 066-10500. All work performed IAW the PA28R-201 Arrow Service Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 07/24/2019

Signed: [Signature] Charles Doyle A&P 3125891

PARTS TAGS



# NEW AND SERVICABLE PARTS TAGS



I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.  
Time in Service: **1684.3**

A/C TOTAL TIME : **1684.3**  
ENG TOTAL TIME : **1684.3**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **1684.3**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **1684.3**

WITH  
R OF

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 (12/2021). 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 Amsafe DTC Inspection/Check with no defects noted. Cleaned and repacked left main wheel bearings. Replaced nose tire with new Goodyear 5.00x 5 FCIII 6 ply with new 5.00x5 tube, cleaned and repacked wheel bearings. Replaced left inboard and right outboard brake linings with new P/N 066-10500. Replaced NLG up stop bumper assembly with new P/N 37970-005. Replaced oil door striker plate with new P/N 99094-004. Replaced cabin door lock with new P/N PA28CDL and baggage door lock with new P/N PA28BDE, key code for both locks is 8MA005890DZ. Updated GPS Nav Database, cycle expires 9/12/2019. Updated airport directory, safe taxi and obstacle databases, cycle expires 10/10/2019. 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: **08/14/2019**

Signed: Charles Doyle A&P 3125891 IA



**N573KS**

AFTT: **1684.3**  
TACH: **1684.3**

Updated GPS Nav database, cycle expires 09/12/19 and Obstacle, Airport and Safe Taxi, cycle expires 10-10-19. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **08/14/2019**

Signed: Thomas S. Napoletano A&P 3007727

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.



**N753KS**

AFTT: **1695.2**  
TACH: **1695.2**

Replaced worn oil door latch with new P/N 472-017 and touched up rivet paint as required. Work performed IAW the Piper Arrow III 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: **8/19/2019**

Signed: Joshua Eyring A+P 2761827.



**AIRFRAME-PA28R-201**  
**N753KS**

Total Time in Service: **1741.5**

A/C TOTAL TIME : **1741.5**  
ENG TOTAL TIME : **1741.5**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **1741.5**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **1741.5**

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 faulty ACU P/N B-00371-1, S/N 80M21522 and installed new ACU P/N B-00371-1, S/N 80T52408. Performed Amsafe DTC Inspection/Check with no defects noted. Replaced left stabilator static wick with new P/N 494-678. Updated GPS Nav databases, cycle expires 10/10/2019. 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: **09/13/2019**

Signed: Charles Doyle A&P 3125891

# NEW AND S PARTS



V/N	11. Serial Number	10. Part T.S.M.O.H.
12. N/A		
6. Work Order Number: V/N		

**User/Installer**  
does not automatically cons  
l regulations of an airworthi  
hority accepts aircraft engin  
cation. In all cases, aircraft r

FOR	N	030	060	E	120	150
STEER	360	029	059	090	121	150
FOR	S	210	240	W	300	330
STEER	181	211	239	271	301	331
DATE	10/16/2019			Radios On		

# 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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**N753KS**

AFTT: 1741.7  
TACH: 1741.7

Removed inop. alternator control unit P/N B-00371-1, S/N 80T52408 and replaced with a new alternator control unit P/N B-00371-1, S/N 80T52407 due to low field output voltage. Performed continuity test and short to ground test of field wire circuit with no defects noted. Removed alternator P/N ALX-8521LS-1, S/N H-R072416 and replaced with a serviceable alternator P/N ALX-8521LS-1, S/N H-R040262 (261.0 hrs TIS on replacement alternator). Performed run-up and adjusted ACU output voltage to 14.0 volts. 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: 9/16/2019

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



I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.  
Time in Service: 1784.1

A/C TOTAL TIME :	<u>1784.1</u>
ENG TOTAL TIME :	<u>1784.1</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>1784.1</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1784.1</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 (12/2021). 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 CO detector with new unit. Replaced right main tire with new Goodyear 6.00x6 FCIII 6 ply tire, replaced tube with new P/N G15/6.00x6, replaced brake disc with new P/N 164-02000, cleaned and repacked wheel bearings. Replaced left outboard brake lining with new P/N 066-10500. Replaced left and right recognition lights with new LED style P/N 01-0771888-00 per field approval (see FAA Form 337 dated 7/3/2019). Complied with compass swing/calibration and updated deviation cards. Updated GPS nav databases, cycle expires 11/7/2019 and updated obstacle database, cycle expires 12/5/2019. 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: 10/17/2019

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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**N753KS**

AFTT: 1802.6  
TACH: 1802.6

Cleaned nose gear downlock switch and adjusted actuator tab. Performed normal and emergency gear swings with no further defects noted. 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: 10/28/2019

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



**N753KS**

AFTT: 1807.7  
TACH: 1807.7

Adjusted nose gear up limit switch engagement tab as required. Performed normal an emergency gear swings with no further defects noted. 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: 11/04/2019

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



**N753KS**

AFTT: 1810.3  
TACH: 1810.3

Updated GPS Nav database, cycle expires 12-05-2019. 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: 11/05/2019

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

# NEW AND SERVICABLE PARTS TAGS



# NEW AND SERVICABLE PARTS TAGS

**KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**

**N753KS**

Total Time in Service: **1833.6**

A/C TOTAL TIME : **1833.6**  
ENG TOTAL TIME : **1833.6**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **1833.6**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **1833.6**

ITH  
OF

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

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced right inboard brake lining with new P/N 066-10500. Replaced two camloc studs in induction air filter cover with new Piper P/N 487-724 and 487-723. All work performed IAW the PA28R-201 Arrow Service Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **11/19/2019**

Signed: Charles Doyle A&P 3125891

Air. MFG: **Garmin/Digital/Garmin**  
Air. P/N: **GR-700/5534/G5**  
Air. S/N: **2012001/507810/45002809**  
A/C N #: **N753KS**  
Steiner Aviation International  
5430 Lauby Road, Hangar 17  
North Canton, OH 44720  
CRS V4NR896Y

Date: **26 NOV 2019**  
WO #: **12753**

THE ALTITUDE/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 **13-PM X** ALTITUDE(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 TRA  
FAR 91.4  
FOUND  
FAR 43 A  
IF APPLI  
#1  
TXP MAI  
SERIAL  
#2  
TXP MAI  
SERIAL  
STEINER  
CRS

SIGNED Timothy J. Perkin  
DATE **26 NOV 2019** CERT NO. **V4NR896Y**  
TYPE ANY COMMENTS HERE

**MAINTENANCE RELEASE**  
The aircraft or appliance identified above was repaired and inspected in accordance with the Federal Aviation Agency and is approved for return to service. Pertinent station under  
Work Order Number **12753** CE  
Date **26 NOV 2019** Time **21024** FA  
Signed STEINER AVIATION INTERNATIONAL INC CRS V4NR896Y MA  
#1

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**

**N573KS**

AFTT: **1844.4**  
TACH: **1844.4**

Updated GPS Nav database, cycle expires 01/02/2020 and Obst, Airport and Safe Taxi, cycles expire 10-30-2020. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **12/04/2019**

Signed: Thomas S. Napoletano A&P 3007727

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: **1870.6**  
TACH: **1870.6**

Updated GPS Nav database, cycle expires 01-30-2020. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **01/02/2020**

Signed: Thomas S. Napoletano A&P 3007727

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: **1873.1**  
TACH: **1873.1**

Removed aircraft battery P/N RG-35AXC, S/N 40983026 and installed new battery P/N RG35-AXC, S/N 41061236. 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: **01/10/2020**

Signed: Charles Doyle A&P 3125891

# NEW AND SERVICABLE PARTS TAGS



# NEW AND SERVICABLE PARTS TAGS

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

KENT STATE UNIVERSITY

N573KS

AFTT: 1884.0  
TACH: 1884.0

Updated GPS Nav database, cycle expires 02/27/2020 and Obst, Airport and Safe Taxi, cycles expire 03-26-2020. The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 01/28/2020

Signed: Thomas S. Napoletano A&P 3007727

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service :1884.0

A/C TOTAL TIME : 1884.0  
ENG TOTAL TIME : 1884.0  
ENG T.S.M.O.H. : N/A  
TACH TIME : 1884.0  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 1884.0

Complied with an Annual Inspection. Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Complied with A.D. 84-26-02 (induction air filter) by replacing with new P/N P617053, next due AFTT 2384.0. Complied with FAR 91.207 (ELT insp/test) battery due date (12/2021). 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. 1342 (stabilator fitting inspection) and found this aircraft to not be affected as neither stabilator attach fitting has been replaced since manufacture. Complied with hydraulic contamination check with no defects noted. Replaced left main tire with new Goodyear 6.00x6 FCIII 6 ply tire, tube with new P/N G15/6.00x6, cleaned and repacked wheel bearings. Cleaned and repacked nose wheel bearings. Replaced right flap static wick with new P/N 494-678. Removed left gear actuator P/N SFA232-5, S/N 5754 and installed new actuator P/N SFA232-5, S/N 6905. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 01/29/2020

Signed: Charles Doyle A&P 3125891 IA

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

KENT STATE UNIVERSITY

N753KS

AFTT: 1918.8  
TACH: 1918.8

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

AIRFRAME-PA28R-201

N753KS

Total Time in Service: 1939.4

A/C TOTAL TIME : 1939.4  
ENG TOTAL TIME : 1939.4  
ENG T.S.M.O.H. : N/A  
TACH TIME : 1939.4  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 1939.4

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, battery, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Cleaned and repacked the RMG wheel bearings. Replaced the left inboard, and the right outboard brake linings with new P/N 066-10500. Complied with the Garmin G5 battery capacity test with no defects, next due 06/2021. Replaced the upper cowling oil fill door with new P/N 99095-000, hinge with new P/N 65291-003, and latch with new P/N 472-017. Disabled the Amsafe system and placarded inop in accordance with FAR 91.213(d). All work performed IAW the PA28R-201 Arrow Service Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: 6/3/2020

Signed: Sarah Johnson A&P 3762407

# NEW AND SERVICABLE PARTS TAGS



# AIRFRAME MAINTENANCE LOG

## NEW AND SERVICABLE PARTS TAGS

**KENT STATE UNIVERSITY**

I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service: **1983.9**

A/C TOTAL TIME : **1983.9**  
ENG TOTAL TIME : **1983.9**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **1983.9**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **0.0**

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 (12/2021). 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) by replacing the bolt with new P/N NAS464P4-27 and both bushings with new P/N 452-800. Complied with detailed cabin interior inspection with no defects noted. Complied with fire extinguisher recertification by visual inspection and weight check with no defects noted. Replaced prop governor control rod end with new P/N 89307-000. Replaced nose gear up stop with new P/N 37970-005. Removed left main gear actuator P/N SFA232-5, S/N 6905 and installed new actuator P/N SFA232-5, S/N 6898. Removed McCauley propeller P/N B2D34C213-B, S/N 150424 and installed new Hartzell propeller P/N HC-C2YR-1BFP/F7497, S/N NS4255B. Replaced left and right aft aileron cable inboard pulleys with new P/N 481-614. Replaced lower nose strut turn limit placard with new P/N 582-783. Replaced aft muffler with new P/N PIM0004, S/N 021371-0009 and #3 exhaust riser with new P/N A67812-00. Cleaned and repacked left main and nose wheel bearings. Performed normal and emergency gear swings with no defects noted. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Date: **08/11/2020**

Signed:  Charles Doyle A&P 3125891 IA

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: **1983.9**  
TACH: **1983.9**

Removal of McCauley propeller P/N B2D34C213-B, S/N 150424 and install of Hartzell Propeller P/NHC-C2YR-1BFP/F7497, S/N NS4255B on aircraft N753KS was done in accordance with Sutton Scimitar Propeller Conversion STCSA02555CH and Professional Pilot Inc. 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: **08/11/2020**

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**  
**AIRFRAME-PA28R-201**

**N753KS**

Total Time in Service: **2033.6**

A/C TOTAL TIME : **2033.6**  
ENG TOTAL TIME : **2033.6**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **2033.6**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **49.7**

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

Inspected and serviced as required: hydraulic fluid and tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Found LMG hydraulic actuator leaking at end cap seal. Removed actuator P/N SFA232-5, S/N 6898 and replaced with a new actuator P/N SFA232-5, S/N 6900. Replaced both hydraulic hose fittings in actuator with one new P/N AN822-4D and one new AN823-4D. Bled air from hydraulic system and performed multiple normal and emergency gear swings with no defects noted. 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: **09/16/2020**

Signed: 

Joshua Eyring A+P 2761827

**KENT STATE UNIVERSITY**

I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service: **2083.8**

A/C TOTAL TIME : **2083.8**  
ENG TOTAL TIME : **2083.8**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **2083.8**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **99.9**

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 (12-2021). 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 Reiff engine preheater with no defects noted. Retorqued all main landing gear trunion plate mount bolts. Performed 100 hour aft wing fitting inspection by visual inspection with no defects noted. Complied with Piper **SB 1244C** (aft wing spar attach fitting) by visual inspection and application of Ardrex corrosion preventative compound IAW SB instruction. No corrosion was found at the aft wing spar attach fitting. SB next due at AFTT **4083.8** or **10-31-2027**, whichever occurs first. Complied with Piper **SB 1242** (rudder bar) by visual inspection of the rudder bar assembly with no defects noted, next due at AFTT **2183.8**. Secured loose left flap aft rod end attach hardware and installed new cotter pin. Tightened nose gear aft drag-link attach bolts and installed new cotter pins. Tightened shimmy dampener rod end attach hardware and installed new cotter pin. Performed normal and emergency gear swings with no defects noted. Replaced CO detector on instrument panel with new 12 month unit. Adjusted rudder cable tension higher by adjusting both rudder cable turnbuckles tighter by 1/2 turn each, installed new MS safety clips at turnbuckles. 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: **10/09/2020**

Signed: 

Joshua Eyring A+P 2761827 IA.



# 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

N753KS

AFTT: 2116.1  
TACH: 2116.1

Re-swaged throttle cable sleeve at engine end and installed lock wire. Found electric fuel boost pump weak. Installed new electric fuel boost pump motor P/N 8850-5. Ran boost pump with no leaks 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: 11/9/2020

Signed: Joshua Eyring A+P 2761827.

KENT STATE UNIVERSITY  
AIRFRAME-PA28R-201  
N753KS

Total Time in Service: 2133.0

A/C TOTAL TIME : 2133.0  
ENG TOTAL TIME : 2133.0  
ENG T.S.M.O.H. : N/A  
TACH TIME : 2133.0  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 149.1

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. 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: 11/20/2020

Signed: Charles Doyle A&P 3125891

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

KENT STATE UNIVERSITY

N753KS

AFTT: 2169.5  
TACH: 2169.5

Troubleshooted pirep of inoperative strobe lights. Found Fin strobe anode wire shorted to ground. Spliced wire with environmental splice and spiral wrapped wire harness. Replaced strobe switch with new P/N 688-298. 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# KSU2020-00668. Date: 01/07/2021

Signed: Christopher Brinker, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.  
Time in Service : 2183.6

A/C TOTAL TIME : 2183.6  
ENG TOTAL TIME : 2183.6  
ENG T.S.M.O.H. : N/A  
TACH TIME : 2183.6  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 199.7

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 (12/2021). 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 FAR 91.207 (ELT inspection/test) by visual inspection and testing with no defects. Cleaned and repacked the RMG, LMG, and NG wheel bearings. Replaced the dome light bulb with new P/N 1414. Replaced the left inboard and outboard brake linings with new P/N 066-10500. Serviced the nose strut with nitrogen. Replaced the hydraulic pump dipstick with new P/N 773762. 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# KSU2021-00048. Date: 2/2/2021

Signed: Sarah Johnson, Certified Repair Station NX3R886D.

NEW AND SERVICABLE PARTS TAGS







# NEW AND SERVICABLE PARTS TAGS

**KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**

**N753KS**  
Total Time in Service: 2340.3

A/C TOTAL TIME :	<u>2340.3</u>
ENG TOTAL TIME :	<u>2340.3</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>2340.3</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>356.4</u>

WITH  
OR OF

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 tire with new Goodyear 6.00X6X6 FCIII Tire and repacked wheel bearings. Replaced airbox cover with new P/N 67745-000. Replaced plastic screw for ELT panel with new P/N 486-281. Complied with Garmin G5 capacity test 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 00392. Date: 06/16/2021

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

**KENT STATE UNIVERSITY**

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.  
Time in Service :2383.0

A/C TOTAL TIME :	<u>2383.0</u>
ENG TOTAL TIME :	<u>2383.0</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>2383.0</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>399.1</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 (12/2021). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Replaced induction air filter new P/N AA617053, A.D. 84-26-02 no longer applies to this aircraft. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Performed normal and emergency gear swings with no defects noted. Replaced left main tire with new Goodyear 6.00x6 FCIII 6 ply, replaced brake disc with new P/N 164-02000, cleaned, and repacked wheel bearings. Replaced altimeter upper post light bulb with new P/N 330. Recertified fire extinguisher by visual inspection and weight 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# KSU2021-00486. Date: 07/28/2021

Signed: [Signature] Charles Doyle, Certified Repair Station NX3R886D.

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: 2398.7  
TACH: 2398.7

**N753KS**

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

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU 2021-00515. Date: 8/4/2021

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

**KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**

**N753KS**  
Total Time in Service: 2432.8

A/C TOTAL TIME :	<u>2432.8</u>
ENG TOTAL TIME :	<u>2432.8</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>2432.8</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>448.9</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. Replaced left main gear inboard and outboard brake linings with new P/N 066-10500 and riveted. Replaced loose nose gear indicator light with new P/N 472-766. 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# KSU2021-00539. Date: 08/18/2021

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

# NEW AND SERVICABLE PARTS TAGS



# AIRFRAME MAINTENANCE LOG

**KENT STATE**  
UNIVERSITY  
**AIRFRAME**  
**N753KS**

Aircraft Total Time : **2482.6**

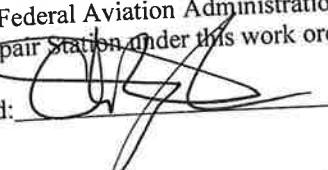
A/C TOTAL TIME : **2482.6**  
ENG TOTAL TIME : **0.0**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **2482.6**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **498.7**

Complied with an **Annual Inspection and Engine Change:**  
Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. 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) by replacing bolt with new P/N NAS464P4-27 and both bushings with new P/N 452-800, next due AFTT **2982.6**. Complied with **SL 1273A** (fuel selector) with no defects noted, next due AFTT **4482.6** or **11/2028**, whichever occurs first. Replaced nose gear up stop with new P/N 37970-005. Replaced nose tire with new Goodyear 5.00x5 6 ply, tube with new Goodyear 5.00x 5, cleaned, and repacked wheel bearings. Replaced upper cowling oil door hinge with new P/N 65291-003. Replaced induction air filter housing with 27"x3.5" .032 2024T3 strip. Complied with compass swing/calibration and updated deviation card. Performed normal and emergency gear swings with no defects noted. Replaced CO detector with new unit.

Removed engine P/N: IO-360-C1C6 S/N: L-36747-51E and all related accessories and installed an overhauled Lycoming engine P/N: IO-360-C1C6 S/N: RL-830-51E (By Lycoming under W/O# MS-553471 dated 08/17/2021) and related accessories. Installed four each new Lord mounts P/N J9613-40 using new bolts P/N AN7-43A and AN7-44A, and four new P/N MS20365-720C attach nuts. Installed new mixture and throttle control rod end bearings P/N 452-606 and two new engine control rod-ends P/N S1104-3. Installed new propeller governor control rod end P/N 89307-753. Replaced the following hoses in the engine compartment with new: 124F001-3CR-0380, 124F001-4CR-0130, 124F001-8CR-0320, 124F003-6CR-0133, 124F003-6CR-0162, 124F003-8CR-0266, and 193753-2D-0250. Replaced alternator belt with new P/N 37A19773-376. Transferred existing Reiff engine preheat kit over to replacement engine. Installed new propeller hub o-ring P/N C-3317-228. All work performed IAW the Piper PA-28R-201 Arrow (S/N's 2844001 and up) Aircraft Maintenance Manual and the Lycoming Direct Drive Engine Maintenance Manual.

ITEM	REMOVED			INSTALLED		
	PART#	SERIAL #	TIS/TSO	PART#	SERIAL #	TIS/TSO
ENGINE	IO-360-C1C6	L-36747-51E	2482.6/ 0.0	IO-360-C1C6	RL-830-51E	0.0/ 0.0
PROP	HC-C2YR-1BFP/F7497	NS4255B	498.7/0.0	HC-C2YR-1BFP/F7497	NS4255B	498.7/0.0
STARTER	149NL	FN-2916129	2084.4 TIS	149LNL	H-T031656	0.0/0.0
ALTERNATOR	ALX-8521-LS1	H-R040262	1001.9/0.0	ALX-8521-LS1	H-R040262	1001.9/0.0
OIL COOLER	20017A	115-13127-4	2482.6 TIS	20017A	114-12396-4	0.0 TSO
Governor	F-2-7A	G137WJ	2482.6 TIS	F-2-7A	G137WJ	0.0 TSO
MAGNETO (S)	L: 4372	15080491	2482.6 TIS	4372	21010195	0.0 TSN
	R: 4370	15090345	2482.6 TIS	4370	21050606	0.0 TSN
INJECTOR	RSA-5AD1	AV171462987	2482.6 TIS	RSA-5AD1	AV53979426	0.0 TSO
FUEL PUMP	62B26931	RC33152559	2482.6 TIS	62B26931	2821L0080	0.0 TSN
DISTRIBUTOR	63B26720	AV207971240	2482.6 TIS	63B26720	AV53979638	0.0 TSN

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

Signed:  Charles Doyle, Certified Repair Station NX3R886D.

FOR	N	030	060	E	120	150
STEER	060	029	059	089	119	151
FOR	S	210	240	W	300	330
STEER	180	209	239	270	301	331
DATE	11/01/2021 Radios On					

# 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.

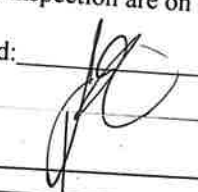
**KENT STATE**  
UNIVERSITY

**N753KS**

AFTT: **2500.2**  
TACH: **2500.2**

Repaired broken right yoke PTT wire circuit by installing a splice fwd of the right yoke shaft. Replaced right PTT switch with new P/N 688-289. Right PTT switch found to function normally. 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 2021-00718**. Date: **11/8/2021**

Signed: 

Joshua Eyring, Certified Repair Station NX3R886D.

**KENT STATE**  
UNIVERSITY

**N753KS**

AFTT: **2527.4**  
TACH: **2527.4**

Repaired broken manifold pressure sense line at #3 cylinder by re-flaring copper line at cylinder end. Reinstalled line and performed run-up with no further indicating issues. 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# **KSU2021-00745**. Date: **11/22/2021**

Signed: 

Joshua Eyring, Certified Repair Station NX3R886D.

**NEW AND SERVICABLE  
PARTS TAGS**



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

Registration: N753KS Ser.No: 2844159  
Alt. Pos: 1 P/N: GDC74A S/N: 2062105

Standard Altitude Ft.	Altimeter Reading	Standard Altitude Ft	Altimeter Reading
-1000	-1000	14000	14000
0	0	16000	15990
500	500	18000	17990
1000	1000	20000	19980
1500	1500	22000	
2000	2000	25000	
3000	3000	30000	
4000	4000	35000	
6000	6000	40000	
8000	8000	45000	
10000	9990	50000	
12000	11990	55000	

Signed: [Signature] Date: 12/2/2021

**KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**  
**N753KS**  
Total Time in Service: 2537.3

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. Replaced both right main brake linings with new P/N 066-10500. Replaced ELT Battery with new P/N 455-0012, expires 02/2029. Complied with FAR 91.207 (ELT insp/test) with no defects noted, next due 12/2022. The altimeter and pitot-static system tests required by 14 CFR 91.411, including data correspondence, and transponder tests required by 14 CFR 91.413, have been performed and found to comply with 14 CFR Part 43 appendix E and F to 20,000ft

Altimeter Make: Garmin P/N: GDC74A S/N: 2062105  
Altimeter Make: United P/N: 5934 S/N: 507810  
Transponder Make: Garmin P/N: GTX345 S/N: 3EG0245T0

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# KSU2021-00758. Date: 12/03/2021

Signed: [Signature] Charles Doyle, Certified Repair Station NX3R886D.

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

Registration: N753KS Ser.No: 2844159  
Alt. Pos: 2 P/N: 5934 S/N: 507810

Standard Altitude Ft.	Altimeter Reading	Standard Altitude Ft	Altimeter Reading
-1000	-1000	14000	14000
0	0	16000	15980
500	510	18000	18020
1000	1010	20000	20010
1500	1520	22000	
2000	2020	25000	
3000	3020	30000	
4000	4020	35000	
6000	6010	40000	
8000	8010	45000	
10000	10000	50000	
12000	11990	55000	

Signed: [Signature] Date: 12/2/2021

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

# AIRFRAME MAINTENANCE LOG

DAT

**KENT STATE UNIVERSITY**

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.  
Time in Service: 2582.4

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

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (2/2029). 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 draglink bolt) by replacing draglink bolt with new P/N NAS464P4-27 and both bushings with new P/N 452-800. Rebuilt all three landing gear struts using new o-ring P/N 484-797, new o-ring P/N 484-799, new wiper P/N 187-630, and serviced with hydraulic fluid and nitrogen. Cleaned and repacked left and right main wheel bearings. Replaced both cowling bushings with new P/N MC69790-00. Replaced one each ELT panel screw with new P/N 486-281. 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# KSU2022-00082. Date: 02/16/2022

Signed: [Signature] Charles Doyle, Certified Repair Station NX3R886D.

**KENT STATE UNIVERSITY**

AFTT: 2610.4  
TACH: 2610.4

**N753KS**

Serviced both main gear struts with nitrogen as required. 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# KSU2022-00141. Date: 03/10/2022

Signed: [Signature] Joshua Eyring, 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.

KENT STATE UNIVERSITY

N753KS

AFTT: 2624.1  
TACH: 2624.1

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

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU 2022-00165. Date: 3/18/2022

Signed: Joshua Eyring, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY  
AIRFRAME-PA28R-201

N753KS

Total Time in Service: 2635.9

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

Complied with, 50HR INSPECTION CHECK LIST.

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 right aileron and left flap static wick jumpers with new P/N 494-678. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

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

Signed: Charles Doyle, Certified Repair Station NX3R886D.

D. KENT STATE UNIVERSITY

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 2681.9

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

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (02/2029). 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 bushing with new P/N 452-800. Cleaned and repacked nose wheel bearings. Complied with hydraulic fluid contamination check with no defects noted. Replaced left and right main gear down lock springs with new P/N 487-495. Replaced nose gear inner spring with new P/N 487-483 and outer spring with new P/N 487-484. Replaced left and right aileron inboard and outboard hinges with new P/N 62371-008 and center hinges with new P/N 35636-000. Replaced both left aileron, right aileron inboard, and right flap static wick jumpers with new P/N 494-678. Replaced left and right nose gear trunnion bearings with new P/N 67026-11. Replaced right cabin floor trim cover with new P/N H65674-15. 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# KSU2022-00302. Date: 05/20/2022

Signed: Charles Doyle, Certified Repair Station NX3R886D.

KENT STATE UNIVERSITY

N753KS

AFTT: 2683.0  
TACH: 2683.0

Found one sheared rivet in cabin door holder (hold open) assembly. Removed door holder from aircraft and replaced sheared rivet with one new Monel rivet. Reinstalled holder back on aircraft, 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# KSU 2022-00309. Date: 5/23/2022

Signed: Joshua Eyring, Certified Repair Station NX3R886D.

# NEW AND SERVICABLE PARTS TAGS



# CABLE PARTS TAGS

TACH DESCRIPTION OF WORK PERFORMED ALL DATA MUST BE ENDORSED WITH

**KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**  
**N753KS**  
Total Time in Service: 2731.5

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

Complied with, 50HR INSPECTION CHECK LIST.

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Complied with Garmin G5 Standby battery capacity inspection/test by visual inspection with no defects noted. Next due 06/2023. Replaced static wick on right side of horizontal stab with new P/N 494-678. Replaced LMG inboard brake lining with new P/N 066-10500 and riveted. Replaced one post light with new P/N 330. 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# KSU2022-00346. Date: 06/14/2022

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

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 2748.5  
TACH: 2748.5

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

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2022-00363. Date: 06/22/2022

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

## AIRFRAME MAINTENANCE LOG

**KENT STATE UNIVERSITY**

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 2781.4

A/C TOTAL TIME : 2781.4  
ENG TOTAL TIME : 298.8  
ENG T.S.M.O.H. : N/A  
TACH TIME : 2781.4  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 797.5

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 (02/2029). 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 drag link bolt) by visual inspection and replacement of bolt with new P/N NAS464P4-27. Cleaned and repacked left and right main wheel bearings. Replaced both right main and left main outboard brake linings with new P/N 066-10500. Replaced cabin door hold open assembly with new P/N95507-005. Replaced right front baffle assembly with new P/N 99595-000. Replaced nose gear up stop with new P/N 37970-005. Replaced both flat spotted stab pulleys under rear floor with new P/N 62711-003. Replaced broken right flap static wick jumper with new P/N 494-678. Removed leaking right gear actuator P/N SFA232-5, S/N 5755 and installed overhauled P/N SFA232-5, S/N 5407 (overhaul by Aircraft Accessories International under WO #7803, dated 9 Nov 2020). Removed standby altimeter P/N 5934PD-3 Code A.134, S/N 507810 and installing overhauled altimeter P/N 5934PD-3 Code A.134, S/N 446813 (overhaul by Mid Continent Instruments and Avionics under WO #491892, dated 26 Jul 2022). This altimeter was last certified 7/26/2022, certification is next due by 7/30/2024. Performed a static system leak check IAW FAR 43 Appendix E and found leakage to be within acceptable limits. 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# KSU2022-00470. Date: 08/02/2022

**MidContinent**  
INSTRUMENTS+AVIONICS

9400 E. 34th St. N.  
Wichita, KS 67226  
16320 Stagg Street  
Van Nuys, CA 91406

Repair Station NX3R886D.

Altimeter Scale Correction Card

Altimeter P/N: 5934PD-3A.134

Serial Number: 44

REFERENCE ALTITUDE IN FT	ALTIMETER READS	REF ALTITUDE
-1,000	-1,010	1
0	0	2
500	505	
1,000	1,000	
1,500	1,505	
2,000	2,000	
3,000	2,995	
4,000	3,990	
5,000	4,980	
6,000	5,980	
8,000	7,965	
10,000	9,945	
12,000	11,935	
14,000	13,940	
15,000	14,960	
16,000	15,970	

Tested By: JP884



# NEW AND SERVICABLE PARTS TAGS

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

**KENT STATE**  
UNIVERSITY  
**AIRFRAME-PA28R-201**

**N753KS**

Total Time in Service: 2829.9

A/C TOTAL TIME : 2829.9  
ENG TOTAL TIME : 347.3  
ENG T.S.M.O.H. : N/A  
TACH TIME : 2829.9  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 846.0

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 broken left flap static wick with new P/N 494-678. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2022-00568. Date: 09/07/2022

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

**KENT STATE**  
UNIVERSITY

**N753KS**

AFTT: 2838.3  
TACH: 2838.3

Troubleshoot for faulty LMG down lock indicator light. Replaced LMG down lock switch with new P/N 36742-014. Performed normal and emergency gear extension 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# KSU2022-00606. Date: 09/19/2022

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

DAT

**KENT STATE**  
UNIVERSITY

**N753KS**

AFTT: 2844.8  
TACH: 2844.8

Removed left aileron P/N 35640-024, S/N 110215012 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 110215012. 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# KSU2022-00641. Date: 10/21/2022

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

**KENT STATE**  
UNIVERSITY

**N753KS**

AFTT: 2877.2  
TACH: 2877.2

Removed fire extinguisher, inspected, weighed, and updated service tag date. Replaced disposable CO detector on instrument panel with new. 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 2022-00731. Date: 11/7/2022

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

# NEW AND SERVICABLE PARTS TAGS



# NEW AND SERVICABLE PARTS TAGS

**KENT STATE UNIVERSITY**

I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service :**2881.2**

A/C TOTAL TIME : **2881.2**  
ENG TOTAL TIME : **398.6**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **2881.2**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **897.3**

Complied with an **Annual Inspection**.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Complied with **FAR 91.207** (ELT insp/test) with no defects noted, battery due date (02/2029). 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 drag link bolt) by replacing bolt with new P/N NAS464P4-27. Replaced right main tire with new Goodyear 6.00x6 FCIII 6 ply, tube with new P/N G15/6.00x6, and brake disc with new P/N 164-02000. Cleaned and repacked RMG and NG wheel bearings. Replaced induction air filter with new P/N AA617053. Replaced both stabilator hinge bearings with new P/N 452-394 and replaced hinge bolts and nuts with new P/N 402-680 and 406-945. Replaced left and right fuel tank fuel quantity placards. Repositioned alternator out fuse holder using new 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# **KSU2022-00734**. Date: **11/14/2022**

Signed:  Charles Doyle, Certified Repair Station NX3R886D.

**KENT STATE UNIVERSITY**

**AIRFRAME-PA28R-201**

**N753KS**

Total Time in Service: **2931.0**

A/C TOTAL TIME : **2931.0**  
ENG TOTAL TIME : **448.4**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **2931.0**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **947.1**

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# **KSU2022-00807**. Date: **12/16/2022**

Signed:  Seth Brown, Certified Repair Station NX3R886D.

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**

**N753KS**

AFTT: **2941.6**  
TACH: **2941.6**

Replaced left main tire and tube with new due to tire going flat. 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# **KSU2023-00019**. Date: **01/10/2023**

Signed:  Seth Brown, Certified Repair Station NX3R886D.

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: **2975.2**  
TACH: **2975.2**

Replaced oil door hinge with new P/N 65291-003 due to hinge being worn. 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# **KSU2023-00073**. Date: **02/13/2023**

Signed:  Seth Brown, Certified Repair Station NX3R886D.

# NEW AND SERVICABLE PARTS TAGS



# AIRFRAME MAINTENANCE LOG

## NEW AND SERVICABLE PARTS TAGS



I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with a **100 Hour Inspection** and was found to be in an airworthy condition.  
Time in Service: **2980.5**

A/C TOTAL TIME : **2980.5**  
ENG TOTAL TIME : **497.9**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **2980.5**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **996.6**

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 (02-2029). 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. Performed normal and emergency gear swings with no defects noted. Complied with **SB 1156A** (nose gear drag link bolt inspection) by visual inspection and replaced bolt with new P/N NAS464P4-27. Next due at AFTT: **3080.5**. Complied with **SB 1242** (rudder bar inspection) by visual inspection with no defects noted. Next due at AFTT: **3080.5**. Complied with fuel tank flexible hose replacement by of left and right tank vent hoses with new. Next due **02/2030**. Inspected fuel tanks and wing spar for corrosion with no defects noted. Replaced LMG inboard brake lining with new P/N 066-10500. Removed broken right seat lumbar squeeze bulb and release valve and added to condition record for future replacement. 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# **KSU2023-00083**. Date: **02/20/2023**

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



**N753KS**

AFTT: **2980.9**  
TACH: **2980.9**

Replaced right seat lumbar air release valve with new P/N 592-683 and pump bulb with new P/N 686-208. Updated condition record as required. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2023-00096**. Date: **02/27/2023**

Signed: *Christopher Brinker* Christopher Brinker, 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.



**N753KS**

AFTT: **3002.2**  
TACH: **3002.2**

Replaced broken left aileron outboard static wick with new P/N 494-678. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2023-00139**. Date: **03/15/2023**

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



**AIRFRAME-PA28R-201**

**N753KS**

Total Time in Service: **3029.9**

A/C TOTAL TIME : **3029.9**  
ENG TOTAL TIME : **547.3**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **3029.9**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **1046.0**

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

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Interior & exterior airframe inspected for general condition with no defects noted. Replaced the oil door latch with new Piper P/N 482-017. 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# **KSU2023-00196**. Date: **4/6/2023**

Signed: *Sarah Johnson* Sarah Johnson, 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.



I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with a **100 Hour Inspection** and was found to be in an airworthy condition. Time in Service :**3080.1**

A/C TOTAL TIME : **3080.1**  
ENG TOTAL TIME : **597.5**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **3080.1**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **1096.2**

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 (02-29). 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 **SB 1156A** (Nose Gear Drag Link), found cracked bushing. Replaced left and right bushing with new P/N 452-800 and bolt with new P/N NAS464P4-27. Complied with **SB 1242** (Rudder Bar Inspection) with no defects noted. Complied with hydraulic fluid contamination check with no defects noted. Cleaned and repacked nose gear and right main gear wheel bearings. Replaced Alternator brushes with new P/N ALE-1013AS. Replaced worn right, outboard aileron pully with new P/N 481-614. Replaced worn left, inboard aileron pully with new P/N 481-614. Replaced all four cabin heat shroud endplate saddles with new due to cracking and wear. Replaced cracked cabin heat boot with new P/N 565-447. Adjusted aleron cable tension 1.5 turns clockwise and reinstalled safety clips. 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# **KSU2023-00321**. Date: **05/24/2023**

Signed: Seth Brown, Certified Repair Station NX3R886D.

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

**KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**  
**N753KS**

Total Time in Service: **3129.5**

A/C TOTAL TIME : **3129.5**  
ENG TOTAL TIME : **646.9**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **3129.5**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **1145.6**

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

Inspected and serviced as required: hydraulic fluid, tires, Interior & exterior lighting inspected, brake linings & calipers. Replaced nose gear up-stop bumper with new P/N 37970-005. Replaced RMG inboard brake lining with new P/N APS66-10500. Complied with Garmin G5 standby battery capacity check by visual inspection with no defects noted. Next due **06/2024**. Replaced one panel light with new P/N 330. 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# **KSU2023-00381**. Date: **06/14/2023**

Signed: Christopher Brinker, Certified Repair Station NX3R886D.



I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition. Time in Service :**3179.9**

A/C TOTAL TIME : **3179.9**  
ENG TOTAL TIME : **697.3**  
ENG T.S.M.O.H. : **N/A**  
TACH TIME : **3179.9**  
PROP T.S.M.O.H. : **N/A**  
PROP TOTAL TIME : **1196.0**

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 (02/2029). 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 inspection, measurement of bushings with no defects noted. Cleaned and repacked the left main gear wheel bearings and replaced inboard molded grease seal with new P/N 154-12000. Replaced left and right outboard brake linings with new P/N APS66-10500. Replaced both upper cowling attach point bushings in lower cowling with new P/N MC69790-00. Replaced left gear door hinge forward rivet and two aft rivets with new 470AD-4-6. Replaced one loose rivet left nose gear door hinge at forward cowling with new 470AD-3-5. Replaced three loose rivets in right nose gear door hinge with two new 470AD-3-5 and one 470AD-4-5. 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# **KSU2023-00445**. Date: **07/18/2023**

Signed: Charles Doyle, Certified Repair Station NX3R886D.



# NEW AND SERVICABLE PARTS TAGS

DATE	DESCRIPTION	APPROVED WITH NUMBER OF
	<p>Steiner Aviation Intl. 5430 Lauby Rd, Hangar 17 North Canton, OH 44720 CRS: V4NR896Y</p> <p>Date: August 15, 2023 WO #: 15193 T.T.: 3651.9 Hobbs T.L.: N/A</p> <p>Removed existing GRS-77 AHRS P/N-011-00868-10, S/N-42031108. Installed an overhauled exchange GRS-77 AHRS P/N-011-00868-10, S/N-42006744. Performed system software update in accordance with G500/G600 Maintenance Manual P/N-190-00601-05, Rev A. All post installation tests are normal at this time.</p> <p><b>Maintenance Release</b> 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 : 15193 Date: August 15, 2023 Time: 3651.9 Hobbs</p> <p>Signed: <i>Therese</i> Steiner Aviation Intl, Inc FAA CRS: V4NR896Y</p>	



**N753KS**

AFTT: 3199.4  
TACH: 3199.4

Adjusted the left gear down lock switch due to pilot reported issue. 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# KSU2023-00500. Date: 8/21/2023

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

DATE: **KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**  
**N753KS**  
Total Time in Service: 3227.3

A/C TOTAL TIME :	<u>3227.3</u>
ENG TOTAL TIME :	<u>744.7</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>3227.3</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1243.4</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. 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# KSU2023-00532. Date: 09/05/2023

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



**N753KS**

AFTT: 3249.0  
TACH: 3249.0

Replaced inoperative fin strobe bulb with new P/N 683-504. 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# KSU2023-00558. Date: 09/20/2023

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

# NEW AND SERVICABLE PARTS TAGS



# NEW AND SERVICABLE PARTS TAGS



I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with a **100 Hour Inspection** and was found to be in an airworthy condition.  
Time in Service: **3279.6**

A/C TOTAL TIME :	<b>3279.6</b>
ENG TOTAL TIME :	<b>797.0</b>
ENG T.S.M.O.H. :	<b>N/A</b>
TACH TIME :	<b>3279.6</b>
PROP T.S.M.O.H. :	<b>N/A</b>
PROP TOTAL TIME :	<b>1295.7</b>

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 (02-2029). 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 **SB 1156A** (Nose gear draglink) by replacement of bolt with new P/N NAS464P4-27 and measurement of bushings with no defects noted. Complied with **SB 1242** (Rudder bar inspection) by visual inspection with no defects noted. Replaced right seat cover with serviceable cover. Replaced LMG inboard brake lining with new P/N APS66-10500. Replaced CO Detector with new unit. Replaced prop governor cable rod end with new P/N 89307-000. Replaced cabin heat shroud inlet duct with new P/N 565-447. Repaired cracked upper cowl oil fill door reinforcement with a 7 x 7 .040 2024-T3 aluminum doubler. Replaced oil fill door latch striker plate with new P/N 99094-004. 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# **KSU2023-00647**. Date: **10/30/2023**

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

DAT



**AIRFRAME-PA28R-201**

**N753KS**

Total Time in Service: **3337.3**

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

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 broken ELT antenna with new P/N 110-773. Complied with **FAR 91.207** (ELT Insp/Test) with no defects noted. Complied with fire extinguisher recertification by visual inspection and weight check with no defects noted. Replaced all four top cowl Southco fasteners with new P/N 85-12-260-16, retainers P/N 85-34-101-20, and lower cowl receptacles with new P/N 85-35-295-15. 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. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2023-00698**. Date: **11/22/2023**

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

# NEW AND SERVICABLE PARTS TAGS





I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.  
Time in Service : **3379.4**

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 (02/2029). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Replaced induction air filter with new P/N AA617053. Inspected all interior and exterior lighting for proper operation. Inspected operation of all fuel sumps, no contamination noted. Inspected condition and operation of Tanis/Reiff engine preheater with no defects noted. Complied with 100 hour aft wing attach fitting inspection with no defects noted. Complied with **S.B. 1156A** (nose gear drag link bolt) by replacement of bolt with new P/N NAS464P4-27 and measurement of bushings 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 nose tire with new Goodyear 5.00x5 FCIII 6 ply and tube with new Goodyear 5.00x5. Cleaned and repacked NG and RMG wheel bearings. Performed compass swing/calibration and updated deviation card. Replaced left and right fuel cap lock rings with new P/N 473-151. Replaced right front seat back springs with new P/N 487-351 and 487-352. Replaced both upper cowl alignment pin bushings in lower cowl with new kit P/N MC69790-00. Replaced left aileron cable aft inboard pulley with new P/N 481-614. Replaced crazed landing light lens with serviceable P/N 68-3971486A-30. Removed forward muffler P/N PIM-0004, S/N 021371-0010 and installed new P/N PIM-0004, S/N 034930-0010. The altimeter and pitot-static system tests required by 14 CFR 91.411, including data correspondence, and transponder tests required by 14 CFR 91.413, have been performed and found to comply with 14 CFR Part 43 appendix E and F to 20,000ft

Altimeter	Make	United	P/N	5934PD-3	S/N	446813
Altimeter	Make	Garmin	P/N	G5	S/N	41Q028099
ADC	Make	Garmin	P/N	GDC74A	S/N	2062105
Transponder	Make	Garmin	P/N	GTX345	S/N	3EG0245T0

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# **KSU2023-00749**. Date: **01/02/2024**

Signed: Charles Doyle, Certified Repair Station NX3R886D.

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Standard Altitude Ft	Altimeter Reading	Altimeter Reading	Altimeter Reading
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Signed:		Date: 1/2/2024	11/2/2024

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

## AIRFRAME MAINTENANCE LOG



# N753KS

AFTT: **3422.6**  
TACH: **3422.6**

Replaced the worn right aft cowling attach receptacle with new P/N 85-35-295-15. 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. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# **KSU2024-00067**. Date: **2/8/2024**

Signed: Sarah Johnson, Certified Repair Station NX3R886D.



### AIRFRAME-PA28R-201

## N753KS

Total Time in Service: **3437.0**

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

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. Rebuilt both brake calipers using new o-ring P/N MS28775-222 and bled brake system. Installed a 5x1" .040 2024T3 aluminum doubler under oil door hinge. 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# **KSU2024-00074**. Date: **2/16/2024**

Signed: Sarah Johnson, Certified Repair Station NX3R886D.



# N753KS

AFTT: **3450.0**  
TACH: **3450.0**

Removed faulty alt out switch P/N A00258-1, S/N 80Q36310 and replaced with a serviceable alt out switch P/N A00258-1, S/N 80T39311. Found GMU-44 inop. Removed GMU-44, P/N 011-00870-00, S/N 47524603 and replaced with an overhauled GMU-44 P/N 011-00870-00, S/N 47512525 (By Garmin International under SO# 16881358 dated 1-5-2024). Configured and calibrated GMU-44 as required. Ran aircraft under various RPM settings and electrical loads, alt out light functions normally. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up) and the G600/G500 Maintenance Manual P/N 190-00601-05.

The aircraft airframe, aircraft engine or 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 2024-00094**. Date: **2/23/2024**

Signed: Joshua Eyring, Certified Repair Station NX3R886D.

Approving Civil Aviation  
Authority/Country:  
FAA/UNITED STA  
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7. Description:  
GMU44

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Charles Doyle  
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# NEW AND SERVICABLE PARTS TAGS

**KENT STATE UNIVERSITY**


I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.  
Time in Service : **3476.9**

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

ITH  
OF

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 (02/2029). 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. 1156A** (nose gear drag link bolt) by replacing bolt with new P/N NAS464P4-27 and visual inspection/measurement of bushings with no defect noted. Complied with **S.B. 1161D** (forward and aft wing rib assembly inspection and modification at WS 49.25) by visual inspection with no cracks noted, next due **AFTT 3976.9**. Complied with **S.B. 1242** (rudder bar inspection) with no defects noted. Complied with **S.B. 1355** (tee bar) with no defects noted. Complied with **S.B. 1377** (main wing spar inspection) by fluorescent penetrant inspection and hole measurement with no defects noted. Removed cracked engine mount P/N 67119-058, S/N M00274499 and installed serviceable mount P/N 67119-058, S/N M00149322 including nose strut assembly, upper trunnion, and drag brace assembly. Replaced both NG aft drag brace mount bolts with new P/N AN6-25, bushings with new P/N 65003-045, and Teflon washers with new P/N 62833-087. Replaced the right main inboard and left main outboard brake linings with new P/N APS66-10500. Cleaned and repacked LMG and NG wheel bearings. Replaced left aft outboard aileron cable pulley with new P/N 481-614. Complied with hydraulic fluid contamination check with no defects noted. 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# **KSU2024-00145**. Date: **03/25/2024**

Signed:  Charles Doyle, Certified Repair Station NX3R886D.

**KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**  
**N753KS**


Total Time in Service: **3525.7**

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

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

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# **KSU2024-00229**. Date: **04/24/2024**

Signed:  Christopher Brinker, Certified Repair Station NX3R886D.

**KENT STATE UNIVERSITY**


I certify that this **Aircraft-PA28R-201 (N753KS)** has been inspected in accordance with an **Annual Inspection** and was found to be in an airworthy condition.  
Time in Service : **3576.6**

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

Complied with an **Annual Inspection**.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (02/2029). 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 **SB 1355B** (Tee bar inspection) with no defects noted. Complied with **S.B. 1156A** (nose gear drag link bolt) by replacement of bolt with new P/N NAS464P4-27 and measurement of bushings with no defects noted. Replaced RMG tire with new Goodyear 6.00X6 FCIII 6 ply tire and tube with new P/N G15/6.00X6. Cleaned and repacked RMG 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# **KSU2024-00283**. Date: **05/16/2024**

Signed:  Christopher Brinker, Certified Repair Station NX3R886D.

# NEW AND SERVICABLE PARTS TAGS



# RVICABLE TAGS

**KENT STATE**  
UNIVERSITY  
**AIRFRAME-PA28R-201**

**N753KS**

Total Time in Service: 3626.4

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

Complied with, 50HR INSPECTION CHECK LIST.

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 faulty tachometer P/N 2801-0035, S/N 44738 at a tach time of 3626.4. Installed new PMA/UMA electronic tachometer P/N T19-801-112, S/N A3923 at a tach time of 0.0 using new sending unit P/N 1D6-4, S/N B5425. Adjusted prop governor stop clockwise two turns. Complied with Garmin G5 standby battery capacity test, passed at 100% and 4 hour 24 minutes. Replaced LMG tire with new Goodyear 6.00X6 FCIII 6ply tire and brake disc with new P/N APS164-02000. Cleaned and repacked LMG wheel bearings. Replaced LMG inboard brake linings and RMG outboard brake lining with 1 ea. new P/N APS66-10500. All work performed IAW the Piper Arrow (S/N's 2844001 and up) Maintenance Manual.

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

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

**KENT STATE**  
UNIVERSITY

**N753KS**

AFTT: 3635.0  
TACH: 8.6

Removed the faulty fuel pump assembly P/N B8120-G, S/N UNKN and installed an overhauled assembly P/N B8120-G, S/N 240519 (overhauled by Aeromotors, LLC, WO# M240519, dated 5/13/2024). Replaced fitting o-rings (2) with new P/N MS29512-06. 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# KSU2024-00361. Date: 6/12/2024

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

**KENT STATE**  
UNIVERSITY

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.  
Time in Service: 3676.4

A/C TOTAL TIME : 3676.4  
ENG TOTAL TIME : 1193.8  
ENG T.S.M.O.H. : N/A  
TACH TIME : 50.0  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 1692.5

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (02/2029). 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. 1156A (nose gear drag link bolt), by replacement of bolt with new P/N NAS464P4-27 and visual inspection with no defects noted. Complied with S.B. 1242 (rudder bar inspection) with no defects noted. Complied with S.B. 1355B (tee bar assembly) by visual inspection with no defects noted. Removed, desludged, and reinstalled propeller using new o-ring P/N C-3317-228. Replaced flat spotted left aileron outboard pulley with new P/N 481-614. Replaced inop bulb in far right panel light assembly with new P/N 330 bulb. Replaced cracked storm window latch with new P/N 472-024. Replaced broken manifold pressure sense line with new P/N 36692-002. Tightened alternator belt. 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# KSU2024-00404. Date: 07/08/2024

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

**KENT STATE**  
UNIVERSITY

**N753KS**

AFTT: 3677.4  
TACH: 51.0

Troubleshoot for intermittent tachometer indications. Found broken wire inside tachometer sender. Repaired and reinstalled sender. 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# KSU2024-00416. Date: 07/09/2024

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

# PARTS TAGS



# NEW AND SERVICABLE PARTS TAGS

DA **KENT STATE UNIVERSITY**  
**AIRFRAME-PA28R-201**  
**N753KS**  
Total Time in Service: 3725.0

A/C TOTAL TIME : 3725.0  
ENG TOTAL TIME : 1242.4  
ENG T.S.M.O.H. : N/A  
TACH TIME : 98.6  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 1741.1

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. Rebuilt the nose gear strut using one each o-ring P/Ns 484-797 and 484-799 and wiper P/N 187-630, serviced with hydraulic fluid and nitrogen. Removed faulty digital tachometer sending unit P/N T1A34, S/N B5425 and installed new sender P/N T1A34, S/N B5424. 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# KSU2024-00478. Date: 08/05/2024

Signed: [Signature] Charles Doyle, Certified Repair Station NX3R886D.

TACH DESCRIPTION OF WORK PERFORMED

**KENT STATE UNIVERSITY**

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition.  
Time in Service : 3776.1

A/C TOTAL TIME : 3776.1  
ENG TOTAL TIME : 1293.5  
ENG T.S.M.O.H. : N/A  
TACH TIME : 149.7  
PROP T.S.M.O.H. : N/A  
PROP TOTAL TIME : 1792.2

Complied with an Annual Inspection.

Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (02/2029). Cleaned and inspected fuel system gascolator and reinstalled lock wire. Replaced induction air filter with new Donaldson P/N P617053. 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 replacement of bolt with new NAS464P4-27 and visual inspection with no defects noted. Complied with SB 1355B (Tee bar inspection) by visual inspection with no defects noted. Cleaned and repacked NG wheel bearings. Replaced LMG outboard and RMG inboard brake linings with new P/N APS66-10500. Replaced transponder antenna with new P/N AV-74. 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. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2024-00564. Date: 09/10/2024

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

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 3800.8  
TACH: 174.4

Replaced worn alternator brushes 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. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2024-00618. Date: 09/26/2024

Signed: [Signature] Charles Doyle, Certified Repair Station NX3R886D.

# NEW AND SERVICABLE PARTS TAGS



# NEW AND SERVICABLE PARTS TAGS

**KENT STATE UNIVERSITY**  
AIRFRAME-PA28R-201

**N753KS**

Total Time in Service: 3825.0

A/C TOTAL TIME :	<u>3825.0</u>
ENG TOTAL TIME :	<u>1342.4</u>
ENG T.S.M.O.H. :	<u>N/A</u>
TACH TIME :	<u>198.6</u>
PROP T.S.M.O.H. :	<u>N/A</u>
PROP TOTAL TIME :	<u>1841.1</u>

ITH  
OF

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# KSU2024-00711. Date: 10/29/2024

Signed: Christopher Brinker, Certified Repair Station NX3R886D.

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 3,829.1  
TACH: 202.7

Replaced exterior cabin door handle wit new P/N 464-029 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. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2024-00755. Date: 11/13/2024

Signed: Joshua Eyring, Certified Repair Station NX3R886D.

DA **KENT STATE UNIVERSITY**

**N753KS**

AFTT: 3833.9  
TACH: 207.5

Complied with FAR 91.207 (ELT inspection/test) by visual and audible inspection with no defects noted, next due 12/2025. 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# KSU2024-00797. Date: 12/2/2024

Signed: Sarah Johnson, Certified Repair Station NX3R886D.

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 3843.0  
TACH: 216.6

Pilot reported ridged steering. Cleaned and lubed steering bungee housing and nose gear trunnion. Replaced broken handheld mic holder with new P/N 62802-000. Operations checked with no defects noted. All work performed IAW the PA-28R-201 Arrow Maintenance Manual (S/N's 2844001 & Up).

The aircraft airframe, aircraft engine or appliance identified above was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair/inspection are on file at the Repair Station under this work order: W/O# KSU2025-00001. Date: 1/3/2025

Signed: Sarah Johnson, Certified Repair Station NX3R886D.

**KENT STATE UNIVERSITY**

**N753KS**

AFTT: 3855.7  
TACH: 229.3

Troubleshoot reported intermittent alternator inoperative light on to bad alternator out switch. Removed P/N A-00258-1, S/N 80T39311 and installed new P/N A-00258-1, S/N 80V32611. 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# KSU2025-00172. Date: 03/10/2025

Signed: Charles Doyle, Certified Repair Station NX3R886D.

**PART**



# SERVICABLE S TAGS

**D. KENT STATE UNIVERSITY**

**N753KS**

AFTT: 3859.3

TACH: 232.9

Removed faulty electric fuel pump assembly P/N B8120-G, S/N 2405019 and installed an overhauled pump assembly P/N B8120-G, S/N 2407158 (overhauled by Aeromotors, Ilc under WO# M2407158, dated 7/23/2024). 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# KSU2025-00210. Date: 3/20/2025

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

## AIRFRAME MAINTENANCE LOG

TACH

DESCRIPTION OF WORK PERFORMED. ALL DATA MUST BE ENDORSED WITH

**KENT STATE UNIVERSITY**

I certify that this Aircraft-PA28R-201 (N753KS) has been inspected in accordance with an Annual Inspection and was found to be in an airworthy condition. Time in Service: 3875.2

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

Complied with an Annual Inspection. Serviced hydraulic systems, battery, and tires. Cleaned & lubed yoke shafts, stabilator trim drum, flight controls & landing gear. Insp. ELT & battery due date (02/2029). 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 SB 1355B (Tee bar inspection) with no defects noted. Complied with S.B. 1156C (nose gear drag link bolt) by visual inspection and measurement of bushings and replacement of bolt with new P/N NAS464P4-27. Calculated CSH per instructions in SB 1372A to be 3887.6(39 inspection intervals). CSH exceeds TIS therefore CSH=TIS. Complied with hydraulic fluid contamination check with no defects noted. Cleaned and repacked LMG, RMG, and NG wheel bearings. Complied with G5 Standby battery capacity check, Passed at 4:31. Replaced worn RMG outboard brake lining with new P/N APS66-10500. Removed cracked aft muffler P/N PIM 0004, S/N 021371-0009 and replaced with new FAA/PMA P/N PIM0004, S/N 075112-0001. Removed worn #3 exhaust riser P/N A67812-000, S/N 72306 and replaced with new P/N 67812-000, S/N 079113-000. Replaced induction air filter with new Tempest P/N AA617053. 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# KSU2025-00343. Date: 05/08/2025

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

**KENT STATE UNIVERSITY**

AFTT: 3,887.9

TACH: 261.5

**N753KS**

Complied with FAR 91.207 by inspecting and testing ELT on 121.5 and 406 MHZ using ELT test set with no defects found, next due by 09-2026. Inspected ELT battery with an expiration date of 02-2029. 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 2025-00701. Date: 09/16/2025

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

# PARTS TAGS