

AIRCRAFT LOG

PIPER AIRCRAFT, INC.

General Offices at
Vero Beach, Florida
U.S.A.

N164TP

Aircraft
Registration number

Part No. 230715

OWNER

NAME

ADDRESS

1	_____
2	_____
3	_____
4	_____
5	_____
6	_____

If this book is found, please return it to the owner.

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

PAINT TYPE: AXALTA IMRON POLYURETHANE

AIRCRAFT DESCRIPTION

Registration No. N164TPModel: PA-46-600TPPopular Name: M600Serial No.: 4698164Type Certificate No.: A2550

765385 859682

814562

Colors: MATTERHORN WHITE / SABLE & TITANIUMEngine Manufacturer: PRATT & WHITNEYSerial Numbers: Single PCE-RM0933Original Engine Model: PT6A-42A

Left _____

Right _____

Propeller Manufacturer: HARTZELLHub or Serial Number: Single SF282Original Propeller Model: 78D01B

Left _____

Right _____

Blade Numbers

Left

Right

C7304C7306C7307C7345C7346**2021 MODEL**

NOTICE

this book is a violation of
gov-
is punishable by civil penalty.

TA IMRON POLYURETHANE

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
	All applicable Federal Aviation Administration Airworthiness Directives, through Bi-Weekly <u>2021-06</u> , have been complied with at the time of manufacture.	4.6	MAR 16 2021	
Signed:				
	M. D. GERTHOFFER 746375679 PIPER AIRCRAFT, INC.			

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
MAR 16 2021	Brought Forward →	4.6		The Altimeter and Static System Test required by FAR 91.411 have been performed. The altimeter(s) have been tested: On (Pri) <u>12/18/2020</u> at <u>55,000 ft</u> . (Sec) <u>12/18/2020</u> at <u>55,000 ft</u>
				The ELT is installed per FAR 91.207. Battery Replacement date: <u>JAN 2021</u>
				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>GTX345 R</u> S/N <u>3E11040871</u> 2. Make <u>Garmin</u> Model <u>GTX335 R</u> S/N <u>3EF023645</u>
				Details of this inspections are on File at this facility under: AFT S/N <u>4698164</u> Date <u>02/18/2021</u>
				The Automatic Pressure Altitude Reporting Equipment Test required by FAR Part 91.217 have been performed this date: <u>02/18/2021</u>
				The standby altimeter and static system test required by FAR Part 91.411 have been performed. The standby altimeter has been tested to <u>55,000 ft</u> on <u>02/16/2021</u>
				I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.
Total To Carry Forward		4.6		Signature: <u>M. D. Gerthoffer</u> Date: <u>MAR 16 2021</u> M. D. GERTHOFFER 746375679

CRAFT LOG

Recorder Reading	Maintenance
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The Altimeter and Static System Test required by FAR 91.411 have been performed. The altimeter(s) have been tested:

On (Pri) 12/18/2020 at 55,000 ft (Sec) 12/18/2020 at 55,000 ft

The ELT is installed per FAR 91.207.

Battery Replacement date: JAN 2027

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 Garmin Model GTX345R S/N 3E4H040871
2. Make Garmin Model GTX335R S/N 3EF023645

Details of this inspections are on File at this facility under:

AFT S/N 4698164 Date 02/18/2021

The Automatic Pressure Altitude Reporting Equipment Test required by FAR Part 91.217 have been performed this date: 02/18/2021

The standby altimeter and static system test required by FAR Part 91.411 have been performed. The standby altimeter has been tested to 55,000 ft on 02/16/2021.

I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.

Signature: M. D. GERTHOFFER Date MAR 16 2021
M. D. GERTHOFFER 746375679

Registration No. N164TP

and Remarks	Signature	Certificate No.
Piper installed AMSAFE Aviation Inflatable Restraints for the Pilot and Co-Pilot Seats Per STC SA02276AK. (Ref: Dwg. 46G00A000 Complete Airplane - PA-46-600TP and PC 206 PLR.) Signed: <u>M. D. GERTHOFFER</u> M. D. GERTHOFFER 746375679 PIPER AIRCRAFT, INC.		

Airframe

N164TP

Model: PA-46-600TP

S/N: 4698164

Date: 6 April 2021



Hobbs Time: 9.8

Total Time: 9.8

Landings:

Work Order: S-21-00102

Inspected LH and RH MLG trunnions for correct installation of P/N 692-103 and found them to be correctly installed per Piper PA-46-600TP AMM 767-617 ch 32-30-00.

Removed, cleaned and reinstalled Ng tach generator connector and inspected Ng pins at GIA connector with no faults found. Accomplished all required operational and functional checks with satisfactory results.

The Aircraft identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed MDG

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Airframe

N164TP
Model: PA-46-600TP
S/N: 4698164
Date: 28 April 2021



Hobbs Time: 9.8
Total Time: 9.8
Landings:
Work Order: S-21-00121

Compiled with Piper Special Advisory # 46-33A. Aircraft is in compliance per Part 1, figure 1 with a conforming frame wrinkle at F.S.311.382. No further action required.
Accomplished all required operational and functional checks with satisfactory results.

The Aircraft identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed A handwritten signature in black ink.

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Airframe

N164TP
Model: PA-46-600TP
S/N: 4698164
Date: 17 November 2021



Hobbs Time: 21.5
Total Time: 21.5
Landings:
Work Order: A-21-00462
A-21-00470

Compiled with Piper SL 1292A, Garmin G3000NG Software update to version 2975.22 using Piper SL kit 88704-701 per SL instructions.
Compiled with Piper Service Spare Letter 514, GWX 8000 enablement using Piper kit 88703 or SSL instructions.
Installed BatteryMinder Model BM-AIK2A per Enhanced Flight Installation Instructions 752-647C.
Accomplished all required operational and functional checks with satisfactory results.

The Aircraft identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed A handwritten signature in black ink.

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Total to
Carry Forward A rectangular box with a dotted pattern, likely a redaction.



Hobbs Time: 9.8
 Total Time: 9.8
 Landings: _____
 Work Order: S-21-00121

ce per Part 1, figure 1 with a conforming frame wrinkle at
 factory results.

ce with current Regulations of the Federal Aviation Administration and
 the above work order.

(913) 782-0530 FAA Repair Station #AMYR171C



Hobbs Time: 21.5
 Total Time: 21.5
 Landings: _____
 Work Order: A-21-00462
 A-21-00470

to version 2975.22 using Piper SL kit 88704-701 per SL instructions.
 ent using Piper kit 88703 or SSL instructions.
 lation Instructions 752-647C.
 isfactory results.

ce with current Regulations of the Federal Aviation Administration and
 the above work order.

(913) 782-0530 FAA Repair Station #AMYR171C

Airframe

N1TJ

Model: PA-46-600TP
 S/N: 4698164
 Date: 28 March 2022



Hobbs Time: 50.7
 Total Time: 50.7
 Landings: 43
 Work Order: S-22-00149
 S-22-00158 S-22-00158 S-22-00090

Complied with an Annual inspection using Piper PA46-600TP AMM 767-617 Ch. 05-20-00 event 1 & 2 checklists as a guide to comply with the inspection requirements of FAR 43 appendix D.

Complied with 90 day inspection of the O2 cylinder per Piper AMM 767-617 Ch. 05-30-00.

Complied with 50 hour inspection of the strut extensions per Piper AMM 767-617 Ch. 12-10-00.

Complied with 12 month lubrication per Piper AMM 767-617 Ch. 12-20-00.

Complied with 90 day brake fluid reservoir fluid level check per Piper AMM 767-617 Ch. 12-20-00.

Complied with 90 day hydraulic pump reservoir fluid level check per Piper AMM 767-617 Ch. 12-20-00.

Complied with 12 month GFC 700 servo inspection per Piper AMM 767-617 ch 22-10-00.

Complied with 12 month main battery capacity check per Piper AMM 767-617 Ch. 24-30-00. Battery passed with 99.7% capacity.

Complied with 90 day ELT transmitter self-test per Piper AMM 767-617 Ch. 25-60-00.

Complied with 12 month 14 CFR 91.207(d) inspection of the ELT for proper installation, corrosion and operation of controls and sufficient radiated signal. **Battery Expires 01/2027.**

Complied with 12 month rechargeable (gauged) fire extinguisher maintenance per Piper AMM 767-617 Ch. 26-20-00.

Complied with 30 day fire extinguisher condition and weight check per Piper AMM 761-617 Ch. 26-20-00.

Complied with 200 hour / 12 month fuel return system functional check per Piper AMM 767-617, Ch. 28-20-00.

Performed cleaning and application of Age Master #1 on pneumatic de-ice boots in accordance with manufacturers' instructions.

Complied with 50 hour inspection of the prop heater system per Piper AMM 767-617 Ch. 30-60-00.

Complied with 12 month Garmin GI 275 standby instrument inspection per Piper AMM 767-617 ch 34-24-01.

Complied with 12 month Garmin G3000NG inspections per Piper AMM 767-617, Ch. 34-25-03.

Complied with 12 month Garmin avionics cooling fan fail annunciation checks per Piper AMM 767-617, Ch. 34-25-03.

Complied with 12 month inspection of the pilot's oxygen mask per Piper AMM 767-617 Ch. 35-10-00.

Complied with 12 month inspection of the engine mount firewall bolts per Piper AMM 767-617 Ch. 71-20-00.

Complied with 12 month AmSafe seatbelt ICA inspection per AmSafe ICA Document No. E509424.

AD's & Service Bulletins

Complied with 100hr / 12 month aileron sector bearing lubrication per **Piper SL 1131A**.

Complied with **Piper SB-1350A** by removing NLG steering horn and roller assy. and installed new steering horn/roller assy. P/N 46N32A009-801 with new bolts P/N AN4HA per SB instructions.

Complied with **Piper SB-1369** Elevator Spar Inspection Part I Inspection per service bulletin instructions. **Next Part I Inspection due at 671.3hrs. time in service.**

Complied with **Piper SB-1370** Inertial Separator Duct Shredder Angle Modification or Replacement Part I Inspection and Part II modification by installing SB Kit P/N 88700-701 per SB instructions.

----- Continued on next page (1 of 2) -----

AIRCRAFT LOG

----- Continued from previous page (2 of 2) -----

Completed **Piper SB 1364A** Fuel Quantity Capacitance probe Check by performing Part II Accuracy Check. **Next Part II inspection due at 338.1hrs. time in service.**

Complied with **Piper SB 1371** M600 Wing Assembly Serialization Markings, confirmed aircraft R/H and L/H wing part numbers and marked wings with new information all work performed per Piper SB 1371.

Complied with **Piper SL 1135** Cable and Pulley Inspection by inspecting aileron control cables and pulleys per FAA Advisory Circular AC 43.13-1B CHG 1, Chapter 7, Section 8.

Complied with **Piper SL 1286D** by inspecting and adjusting NLG steering components as required per SB instructions.

Complied with **Piper SL 1301** installation of Stand Alone Auto-throttle System using New installation Kit P/N 88661-702 with New GMC 711 Autopilot Controller P/N 011-04337-00, S/N 58K000606 and Instructions as per Dwg. No. 88661

(Removed GMC 711 P/N 011-04337-20, S/N 5K100485)
Serviced tires with nitrogen and installed new placards P/N 100700-164 on nose gear and two P/N 100700-163 one on each main gear per

Piper SL 1285B.

Maintenance Items

Removed aircraft registration "N164TP" decals on fuselage and installed new registration markings "N1TJ" and new call sign placards P/N 46F24V044-809 on the cockpit instrument panel as required.

Removed and re-installed ELT 1000 P/N A3-06-2749-1, S/N 323-01120 after reprogramming tail number to new registration number **N1TJ**, per Piper AMM 767-617, Ch. 25-60-00. ELT reprogrammed by EDMO Distributors Inc., on W/O 1641617.

Updated G300NG system to reflect new aircraft registration number **N1TJ** per Garmin G300 LMM Doc. 190-02157-02 Rev. 1.

Removed LH and RH wing fuel sump valves and installed new valves P/N 492-403 per Piper AMM 767-617 Ch. 28-20-00.
Adjusted elevator and elevator trim tab travels to within limits per Piper AMM 767-617, Ch. 27-00-00 and 27-30-00.

Adjusted elevator, elevator trim, and elevator autopilot control cable tensions to within limits per Piper AMM 767-617, Ch. 27-00-00 and 22-10-00.

Adjusted rudder autopilot control cable tensions to within limits per Piper AMM 767-617, Ch. 22-10-00.

Adjusted LH FWD, LH AFT, RH FWD, and RH AFT cabin window shade tensions spring mechanisms for proper operation per Piper AMM 767-617, Ch. 25-20-00.

Installed laminated shims P/N 83698-002 in LH and RH MLG as required to obtain correct trunnion end play per Piper AMM 767-617, Ch. 32-10-00.

Removed and re-installed pilot and co-pilot seats after recovering with sheep skin material, per Piper AMM 767-617 Ch. 25-10-00. Seat recovering performed by Stitchworks.

Accomplished all required operational and functional checks with satisfactory results.

I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition.
Pertinent details are on file under the above work order.

Signed

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

CRAFT LOG

on previous page (2 of 2) ----
check by performing Part II Accuracy Check. Next Part II inspection due at
n Markings, confirmed aircraft R/H and L/H wing part numbers and marked
1.
Inspecting aileron control cables and pulleys per FAA Advisory Circular AC
steering components as required per SB instructions.
rotule System using New installation Kit P/N 88661-702 with New GMC
Instructions as per Dwg. No. 88661

'00-164 on nose gear and two P/N 100700-163 one on each main gear per

Maintenance Items

installed new registration markings "N1TJ" and new call sign placards P/N

-01120 after reprogramming tail number to new registration number N1TJ,
EDMO Distributors Inc., on W/O 1641617.

ber N1TJ per Garmin G300 LMM Doc. 190-02157-02 Rev. 1.

aves P/N 492-403 per Piper AMM 767-617 Ch. 28-20-00.

Piper AMM 767-617, Ch. 27-00-00 and 27-30-00.

ble tensions to within limits per Piper AMM 767-617, Ch. 27-00-00 and 22-

Piper AMM 767-617, Ch. 22-10-00.

w shade tensions spring mechanisms for proper operation per Piper AMM

required to obtain correct trunnion end play per Piper AMM 767-617, Ch.

g with sheep skin material, per Piper AMM 767-617 Ch. 25-10-00. Seat

in satisfactory results.

an Annual inspection and is determined to be in an airworthy condition.

062 (913) 782-0530 FAA Repair Station #AMYR171C

Registration No.

Airframe

N1TJ

Model: PA-46-600TP

S/N: 4698164

Date: 30 June 2022

Hobbs Time: 85.1

Total Time: 85.1

Landings: 78

Removed LH wheel assy. Removed tire P/N 185F88-6 S/N 01570369 and replaced
with new P/N 185F88-6 S/N 20610256 LH

Cleaned and repacked wheel bearings. Reinstalled wheel assy.

Signed Tom B Feagins Commercial Pilot #3610028

Tom B. Feagins

Airframe

N1TJ

Model: PA-46-600TP

S/N: 4698164

Date: 30 September 2022



Hobbs Time: 110.5

Total Time: 110.5

Landings: 104

Work Order: S-22-00130

Adjusted LH wheel toe in/out alignment per Piper AMM 767-617 section 32-10-00.
Repaired nick on cabin door seal with grey RTV silicone reference Piper AMM 767-617 section 52-10-00.
Accomplished all required operational and functional checks with satisfactory results.

The Aircraft identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and
is approved for return to service. Pertinent details are on file under the above work order.

Signed Tom B Feagins

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Airframe

N1TJ
Model: PA-46-600-TP
S/N: 4698164
Date: 21 October 2022



Hobbs Time: 115.8
Total Time: 115.8
Landings: 112
Work Order: S-22-00596

Removed overhead panel P/N A0300-4, S/N 005262 and installed tested O/H panel P/N A0300-4, S/N 005202 from Radiant Power Corp..

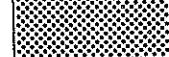
CRS# W9PR345Y, W/O#52007 IAW PA-46-600TP AMM 39-10-00.

Accomplished all required operational and functional checks with satisfactory results.

The Aircraft identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed 

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Total To Carry Forward			
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Hobbs Time: 115.8
Total Time: 115.8
Landings: 112
Work Order: S-22-00596

ted O/H panel P/N A0300-4, S/N 005202 from Radiant Power Corp..

sfactory results.

ce with current Regulations of the Federal Aviation Administration and
e above work order.

(913) 782-0530 FAA Repair Station #AMYR171C

Registration No.

Airframe

N1TJ
Model: PA-46-600TP
S/N: 4698164
Date: 14 April 2023



Hobbs Time: 146.0
Total Time: 146.0
Landings: 137
Work Order: S-22-00595
S-23-00150

Complied with an Annual inspection using Piper PA46-600TP AMM 767-617 Ch. 05-20-00 event 1 & 2 checklists as a guide to comply with the inspection requirements of FAR 43 appendix D.
Tested and inspected ADC 1, P/N: 011-03734-00, S/N: 45S002935 from -1000 ft to 35,000 ft, as required by FAR 91.411(a)(1), and was found to comply with appendices E and F of FAR 43.
Tested and inspected ADC 2, P/N: 011-03734-00, S/N: 45S002944 from -1000 ft to 35,000 ft, as required by FAR 91.411(a)(1), and was found to comply with appendices E and F of FAR 43.
Tested and inspected standby instrument, P/N: 011-04489-10, S/N: 5MZ102557 from -1000 ft to 35,000 ft, as required by FAR 91.411(a)(1), and was found to comply with appendices E and F of FAR 43.
Tested and inspected #1 Transponder P/N: 011-03303-01, S/N: 3EH040871, as required by FAR 91.413(a), and was found to comply with Appendix F of FAR 43.
Tested and inspected #2 Transponder P/N: 011-03301-00, S/N: 3EF023645, as required by FAR 91.413(a), and was found to comply with Appendix F of FAR 43.
Tested and inspected aircraft dual static system to 20000 ft. as required by FAR 91.411(a)(1), and was found to comply with appendices E and F of FAR 43.
Complied with 90 day inspection of the O2 cylinder per Piper AMM 767-617 Ch. 05-30-00.
Complied with 12 month engine mount to fuselage inspection per Piper AMM 767-617, Ch. 05-30-00.
Complied with 50 hour inspection of the strut extensions per Piper AMM 767-617 Ch. 12-10-00.
Complied with 90 day hydraulic pump reservoir fluid level check per Piper AMM 767-617 Ch. 12-20-00.
Complied with 12 month lubrication per Piper AMM 767-617 Ch. 12-20-00.
Complied with 90 day brake fluid reservoir fluid level check per Piper AMM 767-617 Ch. 12-20-00.
Complied with aircraft wash.
Complied with 100hr / 12 month GFC 700 servo inspection per Piper AMM 767-617 Ch. 22-10-00.
Complied with 300 hour starter generator brush inspection per Piper AMM 767-617 Ch. 24-30-00. Brushes have 96% life remaining.
Complied with 6 month main battery capacity check per Piper AMM 767-617 ch 24-30-00 and Concorde Battery CMM 24-30-71. Battery capacity is 92.5%.
Complied with 90 day ELT transmitter self-test per Piper AMM 767-617 Ch. 25-60-00.
Complied with 12 month 14 CFR 91.207(d) inspection of the ELT for proper installation, corrosion and operation of controls and sufficient radiated signal. **Battery Expires 01/2027.**
Complied with 30 day fire extinguisher condition and weight check per Piper AMM 761-617 Ch. 26-20-00.
Complied with 12 month rechargeable (Gauged) fire extinguisher maintenance per Piper AMM 767-617 Ch. 26-20-00.
Complied with 200hr / 12 month fuel return system functional check per Piper AMM 767-617, Ch. 28-20-00.

AIRCRAFT LOG

Complied with 500hr / 24 month fuel strainer and probe inspection per Piper AMM 767-617 AMM ch 28-20-00.
Performed cleaning and application of Age Master #1 on pneumatic de-ice boots in accordance with manufacturers' instructions.
Complied with 50 hour inspection of the prop heater system per Piper AMM 767-617 Ch. 30-60-00.
Complied with 12 month Garmin GI 275 standby instrument inspection per Piper AMM 767-617 Ch. 34-24-01.
Complied with 24 month GRS/GMU magnetometer calibration per Piper AMM 767-617 Ch. 34-25-03.
Complied with 100hr /12 month G3000 checks per Piper AMM 767-617 Ch. 34-25-02.
Complied with 100hr /12 month G3000 avionics cooling fan annunciation check per Piper AMM 767-617 Ch. 34-25-02.
Complied with 12 month G3000 inspection for aircraft equipped with emergency auto land per Piper AMM 767-617 Ch. 34-25-03.
Complied with 24 month recalibration of the GAE 43 per Piper AMM 767-617 Ch. 34-25-02.
Complied with 300hr inspection of the O2 cylinder per Piper AMM 767-617 Ch 35-10-00.
Complied with 12 month inspection of the pilot's oxygen mask per Piper AMM 767-617 Ch. 35-10-00.
Complied with 6 month CoolView window inspection per Piper PA-46-600TP AMM 767-617 56-00-00.
Complied with 400hr/24 month Fuel Purge System inspection and cleaning in accordance with Piper PA-46-600TP AMM 767-617 Chapter 71-70-00.

ICAs

Complied with 12 month AmSafe seatbelt ICA inspection per AmSafe ICA Document No. E509424.

ADs and SBs

Complied with 100hr / 12 month aileron sector bearing lubrication per **Piper SL 1131A**.

Complied with **Piper SL 1135** Cable and Pulley Inspection by inspecting aileron control cables and pulleys per FAA Advisory Circular AC 43.13-1B CHG 1, Chapter 7, Section 8.

Serviced tires with nitrogen per **Piper SL 1285C**.

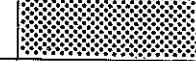
Complied with **Piper SL 1286C** nose Landing Gear Steering Components Inspection and Adjustment.

Complied with **Piper SL 1310**, by installing kit P/N 88705-701 and wiper P/N 187-630 per SB instructions.

Complied with **Piper SL 1314**, oxygen generator inspection per Piper PA-46-600 AMM Ch. 35-20-00 and SB instructions.

Complied with **Piper SB 1369** Elevator Spar Inspection Part I Inspection per service bulletin instructions.

2 of 3

Total To Carry Forward				

1000	-1000	-1000	-1000
0	0	0	0
500	500	500	500
1000	1000	1000	1000
1500	1500	1500	15000
2000	2000	2000	2000
3000	3000	3000	3000
4000	4000	4000	4000
6000	6000	6000	6000
8000	8000	8000	8000
10000	10000	10000	10000
12000	12000	12000	12000
14000	14000	14000	14000
16000	16000	16000	16000
18000	18000	18000	18000
20000	20000	20000	20000
22000	22000	22000	22000
25000	25000	25000	24990
30000	30000	30000	29980
35000	35000	35000	34980

s' instructions.

-02.
Ch. 34-25-03.

AMM 767-617 Chapter

A Advisory Circular AC

uctions.

2 of 3

Registration No. _____

3 of 3

Maintenance Items

Removed emergency exit seal and installed new seal P/N 686-045 per Piper AMM 767-617, Ch. 52-20-00.
 Adjusted A/C compressor belt tension to be within acceptable limits per Piper AMM 767-617 Ch. 21-50-00.
 Adjusted aileron autopilot cable tension to be within acceptable limits per Piper AMM 767-617 Ch. 22-10-00.
 Adjusted elevator autopilot cable tension to be within acceptable limits per Piper AMM 767-617 Ch. 22-10-00.
 Adjusted alternator belt tension to be within acceptable limits per Piper AMM 767-617 Ch. 24-30-00.
 Adjusted aileron cable tension to be within acceptable limits per Piper AMM 767-617 Ch. 27-00-00.
 Removed R/H MLG tire P/N: 185F88-6 S/N: 01440048, and installed new tire P/N: 185F88-6 S/N: 13240101 along with new o-ring P/N: MS28775-261, per Piper AMM 767-617 Ch. 32-40-00.
 Removed emergency exit door seal and installed new door seal P/N: 686-045 per Piper AMM 767-617 Ch. 52-20-00.
 Touched up paint on wing cuff as required, and re-applied fillet seal per customer request.
 Reloaded CMC M600.14 software per Piper SL 1292B Instructions.
 Replaced damaged fuel tank access panel screws as required.
 Adjusted the right rear bench seat backrest latch to operate correctly as required.
 Accomplished all required operational and functional checks with satisfactory results.

I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition.
 Pertinent details are on file under the above work order.

Signed  Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Airframe

N1TJ
Model: PA-46-600TP
S/N: 4698164
Date: 11 April 2024



Hobbs Time: 209.6
Total Time: 209.6
Landings: 205
Work Order: S-24-00168
S-23-00225

Complied with an Annual inspection using Piper PA46-600TP AMM 767-617 Ch. 05-20-00 event 1 & 2 checklists as a guide to comply with the inspection requirements of FAR 43 appendix D.

Complied with 12 month airframe lubrications per Piper AMM 767-617, Ch. 12-20-00.

Complied with 3 month aircraft wash.

Complied with 50 hour inspection of the strut extensions per Piper AMM 767-617 Ch. 12-10-00.

Complied with 90 day brake fluid reservoir fluid level check per Piper AMM 767-617 Ch. 12-20-00.

Complied with 90 day hydraulic pump reservoir fluid level check per Piper AMM 767-617 Ch. 12-20-00.

Complied with 100hr / 12 month GFC 700 servo inspection per Piper AMM 767-617 Ch. 22-10-00.

Complied with 1000 hour/ 3 year inspection and lubrication of the GSA 8X servos per Piper AMM 767-617 Ch. 22-10-00. Brushes have 85% life remaining.

Complied with 300 hour starter generator brush inspection per Piper AMM 767-617 Ch. 24-30-00. Brushes have 85% life remaining.

Complied with 12 month main battery capacity check. Removed battery P/N RG-41, S/N 41132961 and installed NEW battery P/N RG-41,

S/N 41351102 per Piper AMM 767-617 Ch. 24-30-00.

Complied with 12 month 14 CFR 91.207(d) inspection of the ELT for proper installation, corrosion and operation of controls and sufficient radiated signal. **Battery Expires 01/2027.**

Complied with 90 day ELT transmitter self-test per Piper AMM 767-617 Ch. 25-60-00.

Complied with 12 month rechargeable (Gauged) fire extinguisher maintenance per Piper AMM 767-617 Ch. 26-20-00.

Complied with 30 day fire extinguisher condition and weight check per Piper AMM 767-617 Ch. 26-20-00.

Complied with 12 month AmSafe seatbelt ICA inspection per AmSafe ICA Document No. E509424.

Complied with 200hr / 12 month fuel return system functional check per Piper AMM 767-617, Ch. 28-20-00.

Complied with 50 hour inspection of the prop heater system per Piper AMM 767-617 Ch. 30-60-00.

Performed cleaning and application of Age Master #1 on pneumatic de-ice boots in accordance with manufacturers' instructions.

Complied with 12 month Garmin GI 275 standby instrument inspection per Piper AMM 767-617, Ch. 34-24-01.

Complied with 100hr / 12 month G3000 avionics cooling fan annunciation check per Piper AMM 767-617 Ch. 34-25-01

Complied with 100hr / 12 month G3000 checks per Piper AMM 767-617 Ch. 34-25-01

Complied with 90 day inspection of the O2 cylinder per Piper AMM 767-617 Ch. 05-30-00.

Complied with 300hr inspection of the O2 cylinder per Piper AMM 767-617 Ch 35-10-00.

Complied with 12 month inspection of the pilot's oxygen mask per Piper AMM 767-617 Ch. 35-10-00.

Complied with 100hr / 12 month inspection of the CoolView windshield and windows per Piper AMM 767-617 Ch. 56-00-00.

AD's & Service Bulletins

AD 2023-25-02, effective date 19 December 2023, not applicable by aircraft serial number per para (g) & (h) of this AD.
Complied with **Piper SL 1135** Cable and Pulley Inspection by inspecting aileron control cables and pulleys per FAA Advisory Circular AC 43.13-1B CHG 1, Chapter 7, Section 8.

Complied with **Piper SL 1314** Oxygen Generator Inspection, inspected oxygen generator per SL instructions, no defect noted.
Complied with **Piper SB 1369** Elevator Spar Inspection Part I Inspection per service bulletin instructions. **Next Part I Inspection due at 309.6 hours time in service.**

Complied with **Piper SB 1390** NLG emergency down spring inspection Group A, by reviewing log book entries for installation of affected P/N down spring. Affected part not installed.



Hobbs Time: 209.6
 Total Time: 209.6
 Landings: 205
 Work Order: S-24-00168
 S-23-00225

767-617 Ch. 05-20-00 event 1 & 2 checklists as a guide to comply with

7, Ch. 12-20-00.

MM 767-617 Ch. 12-10-00.

per AMM 767-617 Ch. 12-20-00.

Piper AMM 767-617 Ch. 12-20-00.

per AMM 767-617 Ch. 22-10-00.

SA 8X servos per Piper AMM 767-617 Ch. 22-10-00.

AMM 767-617 Ch. 24-30-00. Brushes have 85% life remaining.

try P/N RG-41, S/N 41132961 and installed NEW battery P/N RG-41,

proper installation, corrosion and operation of controls and sufficient

767 Ch. 25-60-00.

aintenance per Piper AMM 767-617 Ch. 26-20-00.

per Piper AMM 767-617 Ch. 26-20-00.

re ICA Document No. E509424.

per Piper AMM 767-617, Ch. 28-20-00.

er AMM 767-617 Ch. 30-60-00.

de-ice boots in accordance with manufacturers' instructions.

on per Piper AMM 767-617, Ch. 34-24-01.

ation check per Piper AMM 767-617 Ch. 34-25-01

767 Ch. 34-25-01

767-617 Ch. 05-30-00.

767-617 Ch 35-10-00.

per AMM 767-617 Ch. 35-10-00.

eld and windows per Piper AMM 767-617 Ch. 56-00-00.

ervice Bulletins

aircraft serial number per para (g) & (h) of this AD.

cting aileron control cables and pulleys per FAA Advisory Circular AC

cted oxygen generator per SL instructions, no defect noted.

ction per service bulletin instructions. **Next Part I Inspection due at**

tion Group A, by reviewing log book entries for installation of affected

1 of 2

Complied with **Piper SB 1404** flap drive bracket inspection per SB instructions.
 Complied with **Piper SB 1407** HALO auto-land brake mechanism modification by removing P/N 82695-137 bushings and installing 2ea. new bushings P/N 82695-143 per SB instructions.
Piper SB 1409A, not applicable for this aircrafts MSN 4698164 per SB effectivity.
 Complied with **Piper SL 1292C** Garmin G3000NG Software Version 2975.24 by updating Garmin software per service letter instructions.
 Complied with **Piper SL 1310A**, soft field kit installation by installing landing gear upgrade kit P/N 88705-701 with new bushings P/N 688-604 and bolts P/N 400-557 per SB instructions.
 Complied with **Piper SL 1332A** Garmin G3000NG Software Version 2975.43 by updating Garmin software per service letter instructions.

Maintenance Items

Removed LH MLG tire P/N 185F88-6, S/N 20610256 and installed new tire P/N 185F88-6, S/N 20630099 per Piper AMM 767-617, Ch. 32-40-00.

Removed RH MLG tire P/N 185F88-6, S/N 13240101 and installed new tire P/N 185F88-6, S/N 20630084 per Piper AMM 767-617, Ch. 32-40-00.

Removed auto-throttle potentiometer and installed new potentiometer P/N 46F34A021-002 per Piper AMM 767-617, Ch. 34-25-02.

Removed pilot's oxygen mask P/N MC10-16-105, S/N B165636 and installed new mask P/N MC10-16-105, S/N B203062 per Piper AMM

767-617, Ch. 35-10-00.

Adjusted aileron, rudder, elevator, and elevator trim control cable tensions to within limits per Piper AMM 767-617, Ch. 27-00-00.

Removed light surface corrosion from airframe fuel filter fittings and treated with CPC as required.

Resealed de-bonded areas of LH and RH wing de-ice boot edges as required per Piper AMM 7767-617, Ch. 30-10-00.

Re-applied PR1422B1-2 sealant to wing-fuselage fairings as required.

Accomplished all required operational and functional checks with satisfactory results.

I certify that this Airframe has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition. Pertinent details are on file under the above work order.

Signed

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Airframe
Airframe

N1TJ
Model: PA-46-600TP
S/N: 4698164
Date: 24 September 2024



Hobbs Time: 240.3
Total Time: 240.3
Landings:
Work Order: S-24-00242
S-24-00600

Extracted broken pilot's seat stop screw from seat rail, chased threads with a tap and installed a new screw as required.
Adjusted WOW sensor to be within correct limits per Piper AMM 767-617 Ch. 32-60-00.
Adjusted fuel flow transducer P/N: 548-928, S/N: 6500, and installed NEW transducer P/N: 548-928, S/N: 7187, per Piper AMM 767-617, reset K-factor per Piper AMM 767-617 Ch. 34-25-02 performed ground run and leak check no defects noted.
Removed overhead panel P/N: 602-578, S/N: 005202, and installed REPAIRED overhead panel P/N: 602-578, S/N: 005308 per Piper AMM 767-617 Ch. 39-10-00. Unit was repaired by Radiant Power Corp., FAA CRS #W9PR345Y under their WO #52503.
Removed engine start relay P/N: M83536/10-024M and installed NEW relay P/N: 584-437 per Piper AMM 767-617 Ch. 39-10-00.
Adjusted ground idle to be within correct limits per Piper AMM 767-617 Ch. 71-00-00.

Accomplished all required operational and functional checks with satisfactory results.

The Aircraft identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed John T. O'Dell

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Total To Carry Forward				



Hobbs Time: 240.3
 Total Time: 240.3
 Landings: 1
 Work Order: S-24-00242
 S-24-00600

nds with a tap and installed a new screw as required.
 7-617 Ch. 32-60-00.

NEW transducer P/N: 548-928, S/N: 7187, per Piper AMM 767-617,
 and run and leak check no defects noted.
 I REPAIRED overhead panel P/N: 602-578, S/N: 005308 per Piper AMM
 FAA CRS #W9PR345Y under their WO #52503.
 EW relay P/N: 584-437 per Piper AMM 767-617 Ch. 39-10-00.
 617 Ch. 71-00-00.

satisfactory results.

ance with current Regulations of the Federal Aviation Administration and
 the above work order.

2 (913) 782-0530 FAA Repair Station #AMYR171C

Airframe

N1TJ
 Model: PA-46-600TP
 S/N: 4698164
 Date: 16 May 2025



G16
 Hobbs Time: 240.3 3:25 1
 Total Time: 240.3 3:25 1
 Landings: 206 3:25 1
 Work Order: S-25-00279

Complied with an Annual inspection using Piper PA46-600TP, M600, M600SLS AMM 767-617 Ch 05-20-00 event 1 & 2 checklists as a guide to comply with the inspection requirements of FAR 43 appendix D.
 Tested and inspected ADC 1, P/N: 011-03734-00, S/N: 45S002935 from -1000 ft to 35,000 ft, as required by FAR 91.411(a)(1), and was found to comply with appendices E and F of FAR 43.
 Tested and inspected ADC 2, P/N: 011-03734-00, S/N: 45S002944 from -1000 ft to 35,000 ft, as required by FAR 91.411(a)(1), and was found to comply with appendices E and F of FAR 43.
 Tested and inspected standby instrument, P/N: 011-04489-10, S/N: 5MZ102557 from -1000 ft to 35,000 ft, as required by FAR 91.411(a)(1), and was found to comply with appendices E and F of FAR 43.
 Tested and inspected #1 Transponder p/n: 011-03303-01, S/N: 3EH040871, as required by FAR 91.413(a), and was found to comply with Appendix F of FAR 43.
 Tested and inspected #2 Transponder p/n: 011-03301-00, S/N: 3EF023645, as required by FAR 91.413(a), and was found to comply with Appendix F of FAR 43.
 Tested and inspected aircraft dual static system to 20000 ft, as required by FAR 91.411(a)(1), and was found to comply with appendices E and F of FAR 43.
 Complied with 12 month 14 CFR 91.207(d) inspection of the ELT for proper installation, corrosion and operation of controls and sufficient radiated signal. **Battery expires 01/2027.**

Chapter 5 Inspection Items

Complied with 12-month airframe lubrications per Piper AMM 767-617, Ch. 12-20-00.
 Complied with Aircraft 3-month Wash.
 Complied with 12-month GFC 700 servo inspection per Piper AMM 767-617, Ch. 22-10-00.
 Complied with 6-month main battery capacity check per Piper AMM 767-617, Ch. 24-30-00 and Concorde Battery CMM 24-30-71. **Battery capacity is 101.6.**
 Complied with ELT 90-day Self-test per Piper AMM 767-617, Ch 25-60-00.
 Complied with 30-day fire extinguisher condition and weight check per Piper AMM 761-617, Ch. 05-30-00.
 Complied with 12-month gauged fire extinguisher maintenance per Piper AMM 767-617, Ch. 26-20-00. Weight recorded on bottle.
 Complied with 200-hr/12-mo fuel return system functional check per Piper AMM 767-617, Ch. 28-20-00.
 Complied with 500-hr/24-mo fuel strainer and probe inspection per Piper AMM 767-617, Ch. 28-20-00.
 Complied with 90-day hydraulic pump reservoir fluid level check per Piper AMM 767-617, Ch. 05-30-00.
 Complied with 6-month Deice Boot Age-Master #1 Application per manufacturer's instructions.
 Complied with 90-day brake fluid reservoir fluid level check per Piper AMM 767-617, Ch. 05-30-00.
 Complied with 50hr oleo strut extension check per Piper AMM 767-617, Ch. 12-10-00.
 Complied with 12-month Garmin GI 275 standby inspection per Piper AMM 767-617, Ch. 34-24-01.
 Complied with 100hr / 12mo G3000 system checks and avionics cooling fan annunciation check per Piper AMM 767-617, Ch. 34-25-01.
 Performed GAE 43 24-month recalibration per AMM 767-617 Ch. 34-25-01.

Complied with 24-month GRS/GMU magnetometer calibration per Piper AMM 767-617 Ch. 34-25-03.

Complied with 90-day inspection of the oxygen cylinder system per Piper AMM 767-617, Ch. 05-30-00.

Complied with 12-month pilot's oxygen mask inspection per Piper AMM 767-617, Ch. 35-10-00.

Complied with 100-hr/6-mo Cool View window inspection per Piper AMM Ch 767-617, Ch. 56-00-00.

Complied with 400-hr/24-mo Fuel Purge System inspection and cleaning per Piper AMM 767-617, Ch. 71-70-00.

Complied with 12-month engine mount to fuselage inspection per Piper AMM 767-617, Ch. 05-30-00.

ADs and Service Bulletins

Complied with SB 1419 Flap Bracket Gap Inspection per SB instructions.

Complied with SB 1410B, Vertical Stab Installation Improvement, per SB 1410B instructions. Accomplished on WO # S-24-0095.

Complied with SB 1369 Elevator Spar Inspection Part 1, inspected elevator spar per SB 1369 instructions.

Complied with SB 1364A Fuel Quantity Capacitance Probe Check by performing Part II Accuracy Check per SB 1364A instructions.

Complied with Piper SL 1135, Control Cable/Pulley Inspections, inspected control cables and pulleys per SL 1135 instructions.

Complied with Piper SL 1332C, System Software to 2975.45, update Garmin G3000 Main System Software to Version 2975.45 per SL 1332C instructions.

Complied with Piper SL 1131A, Aileron Sector Bearing Lubrication, lubricated aileron sector bearings per SL 1131A instructions.

Complied with Piper SL 1314, Oxygen Generator Inspection, inspected oxygen generator per SL1314 instructions.

Complied with Piper SL 1285C, Proper Tire Pressure Maintenance, serviced tires with nitrogen per SL 1285C instructions.

Complied with Piper SL 1286D, Nose Steering Component Inspection, adjusted steering arm clearance to within limits per SL 1286D instructions.

ICA

Complied with 12-month AmSafe seatbelt ICA inspection per AmSafe ICA Document No. E509424.

Maintenance Items

Resecured carpet on the lower seat frame on the LH rear-facing seat.

Serviced NLG and MLG per Piper AMM 767-617, Ch. 12-10-00.

Removed NLG tire (P/N: 505C01-2 S/N: 02870193), installed NEW tire (P/N: 505C01-2 S/N: 50660068) and tube (P/N: 302-013-400).

Inflated and balanced tire per Piper AMM 767-617 Ch. 32-40-00.

Removed and replaced NLG bay actuator hose with a NEW hose (P/N: 565-244) per Piper AMM 767-617 Ch. 32-30-00.

Removed and replaced LH fuel quantity wiring harness with a NEW wiring harness (P/N: 46W24A022-001) per Piper parts catalog Ch. 28-40-00.

Accomplished all required operational and functional checks with satisfactory results.

I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition.

Pertinent details are on file under the above work order.

Signed



Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Piper AMM 767-617 Ch. 34-25-03.

Piper AMM 767-617, Ch. 05-30-00.

AMM 767-617, Ch. 35-10-00.

AMM Ch 767-617, Ch. 56-00-00.

eaning per Piper AMM 767-617, Ch. 71-70-00.

Piper AMM 767-617, Ch. 05-30-00.

Service Bulletins

ctions.

per SB 1410B instructions. Accomplished on WO # S-24-0095.

l elevator spar per SB 1369 instructions.

by performing Part II Accuracy Check per SB 1364A instructions.

spected control cables and pulleys per SL 1135 instructions.

ate Garmin G3000 Main System Software to Version 2975.45 per SL

, lubricated aileron sector bearings per SL 1131A instructions.

ected oxygen generator per SL1314 instructions.

, serviced tires with nitrogen per SL 1285C instructions.

tion, adjusted steering arm clearance to within limits per SL 1286D

ICA

afe ICA Document No. E509424.

enance Items

eat.

V tire (P/N: 505C01-2 S/N: 50660068) and tube (P/N: 302-013-400).

(P/N: 565-244) per Piper AMM 767-617 Ch. 32-30-00.

W wiring harness (P/N: 46W24A022-001) per Piper parts catalog Ch. 28-

satisfactory results.

h Annual inspection and is determined to be in an airworthy condition.

32 (913) 782-0530 FAA Repair Station #AMYR171C

Airframe

N1TJ

Model: PA-46-600TP

S/N: 4698164

Date: 2 July 2025



Hobbs Time: 299.0
Total Time: 299.0
Cycles: 308
Work Order: S-25-00487

Removed RH Wing Fuel Harness and Replaced with a New Right Wing Fuel Harness (P/N: 46W24A022-001) per Piper Fuel Quantity WDM 91-28-40.

Removed LH #1 probe (P/N: 481-500 S/N: DT8424R), installed new probe (P/N: 481-500 S/N: DTCP236) per Piper AMM 767-617, Ch. 28-40-00.

Removed LH #5 probe (P/N: 481-504 S/N: DT8436R), installed new probe (P/N: 481-504 S/N: DTCU075) per Piper AMM 767-617, Ch. 28-40-00.

Performed fuel calibration on LH side per Piper AMM 767-617, Ch. 28-40-00.

Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

The Airframe identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed Brian Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Airframe

N1TJ

Model: PA-46-600TP

S/N: 4698164

Date: 15 July 2025



Hobbs Time: 302.0
Total Time: 302.0
Cycles: 311
Work Order: S-25-00

Pulled and collared 30 AMP hydraulic gear pump circuit breaker to safe the landing gear system for ferry flight. This aircraft has been inspected and found safe for the intended ferry flight to KOJC.

The Airframe identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed Taylor B Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

AIRCRAFT LOG

Airframe

N1TJ
Model: PA-46-600TP
S/N: 4698164
Date: 6 August 2025

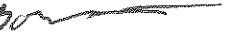


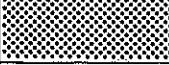
Hobbs Time: 302.6
Total Time: 302.6
Landings: 312
Work Order: S-25-00577

Performed troubleshooting and operational test of fuel quantity system per Piper AMM 767-617, Ch. 28-40-00 and 28-00-00.
Performed LH and RH fuel quantity indication calibration per Piper AMM 767-617, Ch. 28-40-00.
Removed Hydraulic Pump assembly (P/N: 102559-804RBL S/N: FAH1606) and Installed Altered hydraulic pump assembly (P/N: 102559-804RBL S/N: FAH1647) per Piper AMM 767-617, Ch. 29-10-00.
Removed and installed LH MLG lower strut assembly to perform maintenance per Piper AMM 767-617, Ch. 32-10-00.
Remove and installed LH MLG wheel to perform strut maintenance per Piper AMM 767-617, Ch. 32-40-00.
Removed and replaced LH strut Strip Wiper (PN: 187-628), Ring Seal (PN: 485-082), and O-ring (PN: 484-797) Piper AMM 767-617, Ch. 32-10-00.
Serviced LH MLG strut with fluid and nitrogen per Piper AMM 767-617, Ch. 12-10-00.
Removed and installed RH MLG lower strut assembly to perform maintenance per Piper AMM 767-617, Ch. 32-10-00.
Remove and installed RH MLG wheel to perform strut maintenance per Piper AMM 767-617, Ch. 32-40-00.
Removed and replaced RH strut Strip Wiper (PN: 187-628), Ring Seal (PN: 485-082), and O-ring (PN: 484-797) Piper AMM 767-617, Ch. 32-10-00.

Accomplished all required operational and functional checks with satisfactory results.

The Aircraft identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed  Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Total To Carry Forward				

Volume #: 1

Opened on: 20 DEC 2020

ENGINE DETAILS

Pratt & Whitney Canada Corp.

1. Manufacturer

2. Type/Model/Series E.T.C. E-12 PT6A-42A B/S: 1415

3. Serial Number PCE-RM0933

THIS ENGINE SERVICED WITH
bp TURBO 2380
OIL AT THE PIPER FACTORY

CYCLE COUNT AS OF MAR 16 2021

NUMBER OF CYCLES 6

Section 1: Record of engine maintenance and elementary work

Date -- / -- / --	Time since new	Time since overhaul	Total cycles	Details of task
20 DEC 2020	0.0	N/A	0	New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.
27 JAN 2021	0.0	N/A	0	"Applied Procyon corrosion inhibitor to compressor inlet case per Pratt & Whitney Maintenance Manual P/N 3021442 Chapter 72-00-00."

Date: 3/25/21

Aircraft S/N: 4698164 Reg. Number: N164TP

Aircraft Engine Model: PT6A-42A S/N: PCE-RMO 933

TTE: 3.0

Cycles: 4

Performed Engine Water Wash per Pratt & Whitney Maintenance Manual Part Number 3021442, Chapter/Section 71-00-00, Power Plant Cleaning, Engine Washing Instructions.

Signature:

Name: David T Wallace Jr A&P Certificate Number: AP51627416

Piper

PIPER AIRCRAFT, INC.

Date: 3/12/21

- Aircraft S/N: 4698164

Reg. Number: N1647P

Aircraft Engine Model: PT6A-42A S/N: PCE-RMO 933

- TTE: 4.6

Cycles: 6

- Performed Engine Water Wash per Pratt & Whitney Maintenance Manual Part Number 3024142 Chapter/ Section 71-00-00, Power Plant
- Cleaning Engine Washing Instructions.

— Signature:

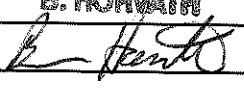
— Name: David T Wallace Jr A&P Certificate Number: AP51627416



PIPER AIRCRAFT, INC.



PIPER AIRCRAFT, INC.

Signature	AME ACA/AMO SCA/AMO
NG/V _θ 35250 RPM, at 850 SHP/8V _θ	
ITT Trim: 9.9 C°	B. HORVATH 
T5 Trim Resistance: 113.0 Ohms	6221 T.C. 4-58 NO. 022
Scott Swanson A+P Scott Swanson 421932	
<p>Engine</p> <p>N1TJ Model: PT6A-42A S/N: PCE-RM0933 Date: 28 March 2022</p> <p> Hobbs Time: 50.7 Total Time: 50.7 Cycles: 43 Work Order: S-22-00149</p> <p>Complied with an Annual inspection using Piper PA46-600TP AMM 767-617 Ch. 05-20-00 event 1 & 2 checklists as a guide to comply with the inspection requirements of FAR 43 appendix D. Performed engine compressor performance recovery and turbine wash per P&WC PT6A-42A EMM 71-00-00. Complied with 600 hour / 12 month inspection of the reduction gearbox chip detector per P&WC PT6A-42A EMM 72-00-00. Complied with 200 hour static operation check of the FCU MOR lever per P&WC PT6A-42A EMM 71-00-00. Took engine oil and filter patch samples and sent them out for analysis. Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted. I certify that this Engine has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition. Permit details are on file under the above work order.</p> <p>Signed  Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C</p>	

Section 1: Record of engine maintenance and elementary work

Engine

N1TJ

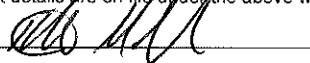
Model: PT6A-42A
S/N: PCE-RM0933
Date: 14 April 2023



Hobbs Time: 146.0
Total Time: 146.0
Cycles: 137
Work Order: S-23-00150

Complied with an Annual inspection using Piper PA46-600TP AMM 767-617 Ch. 05-20-00 event 1 & 2 checklists as a guide to comply with the inspection requirements of FAR 43 appendix D.
Performed engine compressor performance recovery wash and turbine wash per P&WC PT6A-42A EMM 71-00-00.
Complied with 300hr / 12 month engine inlet CPC application per P&WC PT6A-42A EMM 72-20-00.
Took engine oil samples and sent them out for analysis.
Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

I certify that this Engine has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition.
Pertinent details are on file under the above work order.

Signed  Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Engine

N1TJ

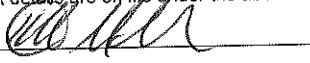
Model: PT6A-42A
S/N: PCE-RM0933
Date: 11 April 2024



Hobbs Time: 209.6
Total Time: 209.6
Cycles: 205
Work Order: S-24-00168

Complied with an Annual inspection using Piper PA46-600TP AMM 767-617 Ch. 05-20-00 event 1 & 2 checklists as a guide to comply with the inspection requirements of FAR 43 appendix D.
Complied with 12 month inspection of the engine mount firewall bolts per Piper AMM 767-617 Ch. 71-20-00.
Performed engine compressor performance recovery and turbine wash per P&WC PT6A-42A EMM 71-00-00.
Complied with 300hr / 12 month engine inlet CPC application per P&WC PT6A-42A EMM 72-00-00.
Took engine oil and filter patch samples and sent them out for analysis.
Removed LH and RH igniters and installed new igniters P/N CH34055 per Piper AMM 767-617, Ch. 74-20-00.
Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

I certify that this Engine has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition.
Pertinent details are on file under the above work order.

Signed  Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Engine

N1TJ

Model: PT6A-42A
S/N: PCE-RM0933
Date: 24 September 2024



Hobbs Time: 240.3
Total Time: 240.3
Cycles:
Work Order: S-24-00242
S-24-00600

Adjusted ground idle to be within correct limits per Piper AMM 767-617 Ch. 71-00-00.
Gained access as required and removed fuel/oil heater P/N: 10994A, S/N: WA62223 and installed OVERHAULED fuel/oil heater P/N: 10994A, S/N: WA18540 along with NEW associated o-rings P/N: AS3209-04,-012,-114, and MS29512-10, per Piper AMM 767-617 Ch. 24-30-00, 73-20-00, and 34-25-02. Fuel/oil heater overhauled by VSE Aviation services, FAA CRS #VKUR 823L under their W/O #RPC1429.

Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

The Engine identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file under the above work order.

Signed  Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Engine

N1TJ

Model: PT6A-42A
S/N: PCE-RM0933
Date: 16 May 2025



616.64
Hobbs Time: 240.3 *285.1*
616.64
Total Time: 240.3 *285.1*
Cycles: *205 796*
Work Order: S-25-00279

Complied with an Annual inspection using Piper PA46-600TP, M600, M600SLS AMM 767-617 Ch. 05-20-00 event 1 & 2 checklists as a guide to comply with the inspection requirements of FAR 43 appendix D.
Complied with 12-month Compressor and Turbine Desalination wash per P&WC PT6A-42A EMM 71-00-00.
Complied with 300-hr/12-mo Engine Inlet CPC Application per P&WC PT6A-42A EMM 72-00-00.
Took engine oil and filter patch samples and sent them out for analysis. 4-24-2025.

Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

I certify that this Engine has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition.
Pertinent details are on file under the above work order.

Signed  Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Section 4: Record of engine applicable airworthiness directives, airworthiness limitations and equivalent mandatory requirements

DO NOT input any technical data subject to EAR, ITAR or ECL in this document.

Worthiness Directives



Pratt & Whitney Canada

Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Quebec
Canada J4G 1A1

Engine S/N	PCE-RM0933
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A.D.'s	Sign	Lic. # or Stamp	Date
Not Applicable. The manufacturer and part number of the First Stage Reduction Sun Gear and associated Planetary Gear Set installed during engine manufacture not listed in the Applicability section of the A.D.	 B. HORWATH	 T.C. 4-58 TM NO. 022	20 DEC 2020

Entered by (print)

 T.C. 4-58
NO. 022

B. HORVATH

(N22)



Section 5: Record of engine major modifications and repairs, and supplemental Instructions for Continued Airworthiness (ICA)

Page no : 1

PRATT & WHITNEY CANADA

ENGINE BUILD RECORD STATUS

THE FOLLOWING SERVICE BULLETINS ARE BASIC TO :

ENGINE SERIAL NO. PCE-RM0933

ENGINE MODEL PT6A-42A

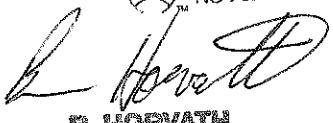
BUILD SPEC 1415

SERVICE BULLETINS

3498 3501 3503

(C) T.C. 4-58
AI NO. 022

APPROVED BY:



B. HORVATH

DATE: 2020.12.19

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL 5D3-N338A1

PROPELLER S/N SF282

LOGBOOK # 1

PROPELLER MAINTENANCE RECORD

Position _____

Propeller Model 5D3-N338A1

Propeller S/N SF 282

Blade Design _____

Blade S/N's

No. 1 C7304

No. 2 C7306

No. 3 C7307

No. 4 C7345

No. 5 C7346

No. 6 _____

Spinner Assembly Part No. _____

PITCH RANGE

High/Feather _____

Start Lock _____

Low _____

Reverse _____

Aircraft Manufacturer _____

Aircraft Model _____

S/N _____

Registration _____

Date	Propeller TSN	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
<h2>Propeller Log</h2>			
Date: <u>2/25/21</u>	Hobbs Time: <u>3.0</u>		
Aircraft S/N: <u>4698164</u>	Reg. Number: <u>N164TP</u>		
Prop Model: <u>SD3-N338A1</u>	S/N: <u>SF 282</u>		
Complied with Hartzell Propeller Owner's Manual <u>486.</u> <u>6-6 THRU 6-10</u>			
Performed Lubrication of Prop by Manufacturer during Flight Testing with NYCO GN3058 per label on Prop after 1 to 2 hours operation.			
Signature: 			
Name: <u>David T Wallace JR</u> A&P Certificate Number: <u>AP51627416</u>			
 PIPER AIRCRAFT, INC.			



PIPER AIRCRAFT, INC.

Propeller



Date

N1TJ
 Model: 5DE-N338A1
 S/N: SF282
 Date: 14 April 2023

Hobbs Time: 146.0
 Total Time: 146.0

Work Order: S-23-00150

Complied with an Annual inspection using Piper PA46-600TP AMM 767-617 Ch. 05-20-00 event 1 & 2 checklists as a guide to comply with the inspection requirements of FAR 43 appendix D.

Complied with 400hr/ 12 month detailed inspection of propeller per Hartzell Owners' Manual No. 486. 61-00-86.

Complied with 400 hour / 6 month propeller lubrication per Piper AMM 767-617 Ch. 12-20-00.

Complied with 12 month Prop De-ice system inspection per Piper AMM 767-617 Ch. 30-60-00.

Complied with Prop De-ice Slip Ring Inspection per Piper AMM 767-617 Ch. 30-60-00.

Complied with coin tap test of the exposed section of the erosion shield per Piper AMM 767-617 Ch. 61-10-00.

Repaired nick on prop heat boot per Hartzell Manual 486, Ch. 61-00-86.

Installed new beta block P/N A3026 in accordance with Hartzell manual No 486, 61-00-86.

Accomplished all required operational and functional checks with satisfactory results.

I certify that this Propeller has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition. Pertinent details are on file under the above work order.

Signed

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Propeller



Hobbs Time: 209.6
 Total Time: 205

Work Order: S-24-00168

Complied with an Annual inspection using Piper PA46-600TP AMM 767-617 Ch. 05-20-00 event 1 & 2 checklists as a guide to comply with the inspection requirements of FAR 43 appendix D.

Complied with 400 hour / 6 month propeller lubrication per Piper AMM 767-617 Ch. 12-20-00.

Complied with 400hr/ 12 month detailed inspection of propeller per Hartzell Owners Manual No. 486. 61-00-86.

Complied with 300 hour / 12 month prop de-ice system check per Hartzell manual 180 ch 30-61-80 tables 5-1 & 5-3.

Complied with 400 hour / 12 month de-ice slip ring resistance check per Hartzell Manual 180 Ch. 30-61-80.

Complied with 600 hour/12 month tap test of the erosion surfaces per Hartzell Manual No. 486, Ch. 61-00-86.

Accomplished all required operational and functional checks with satisfactory results.

I certify that this Propeller has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition. Pertinent details are on file under the above work order.

Signed

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Date	Propeller TSN	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
			<p>Propeller</p> <p>N1TJ Model: 5D3-N338A1 S/N: SF282 Date: 16 May 2025</p> <p> Kanee City Aviation Center</p> <p><i>EIC 06 249.3 285.1</i> Hobbs Time: 249.3 285.1 <i>EIC 06 296</i> Total Time: 295 Work Order: S-25-00279</p> <p>Complied with an Annual inspection using Piper PA46-600TP, M600, M600SLS AMM 767-617 Ch 05-20-00 event 1 & 2 checklists as a guide to comply with the inspection requirements of FAR 43 appendix D. Complied with 50-hour propeller heat inspection per Piper AMM 767-617, Ch. 30-60-00. Complied with 400-hr/6-mo prop lubrication per Piper AMM 767-617, Ch. 12-20-00. Complied with 400-hr/12-mo de-ice slip ring resistance check per Hartzell Manual 180, Ch. 30-61-80. Complied with 300-hr/12-mo prop de-ice system check per Hartzell manual 180, Ch. 30-61-80 Tables 5-1 & 5-3. Complied with 600-hr/12-mo tap test of the erosion surfaces per Hartzell Manual No. 486, Ch. 61-00-86. Complied with 400-hr/12-mo propeller detailed inspection in accordance with Hartzell Manual NO. 486, Ch. 61-00-86.</p> <p>Accomplished all required operational and functional checks with satisfactory results.</p> <p>I certify that this Propeller has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition. Pertinent details are on file under the above work order.</p> <p>Signed  Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C</p>