

N830MC
SN: 31-830

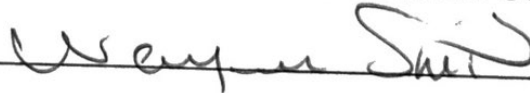
A/C Time: 6430.2
Model: PA-31-310

Hobbs: 2917.3
June 01, 2023

Annual inspection performed per FAR part 43 App "D" and IAW with the Piper Navajo PA31-310 service manual check list. Opened all inspection panels and removed aircraft interior. Inspected and lubricated all flight controls, pulleys and bell cranks. Tested interior and exterior lighting, all checked ok. Inspected and lubricated landing gear system, performed emergency extension test, checked well, serviced hydraulic system to full. Inspected left main tire and wheel assembly, packed wheel bearings. Inspected right main tire and wheel assembly, packed wheel bearings. Inspected nose tire and wheel assembly, packed wheel bearings and serviced both main tires and nose tire to correct psi. Inspected brake system, rotors and pads checked ok, replenished brake reservoir to full. Inspected main battery, performed capacity test checked well battery serial number 41097210. Inspected ELT battery ACK Technologies ELT P/N E-04 406 MHz system and tested IAW 91.207d and tested well. ELT S/N 025954 battery next due replacement Oct 30-2023. Cleaned left and right fuel filters and installed back to aircraft. C/W AD 2017-10-20 FS 332.00 bulkhead, performed a dye penetrant inspection and no cracks were found, next due inspection 3151.3 hours. C/W AD 2016-5-1, Bulkhead mod has already been installed. C/W AD 2013-10-04 Engine turbo and exhaust system visual inspection. C/W AD 2004-25-16, Fuel pressure regulator shutoff valve. C/W AD 2004-21-5, Janitrol heater pressure decay tested and failed pressure test due to leakage internal to the combustion chamber IAW Janitrol manual P/N 24E25-1, placard placed on panel (Inoperative). C/W AD 2001-17-13 Janitrol fuel regulator, by visual inspection, found no evidence of fuel leakage. C/W AD 2003-14-3 "AN" Rotary fuel pump. C/W AD 2004-25-16R1 Kelley Aerospace Heater, by visual inspection per Kelly Aerospace SB A-107A, performed pressure test found no evidence of fuel leakage. C/W AD 2003-24-07 Rudder Torque Tube, Kit 88338, no corrosion found. C/W AD 2015-19-7 Fuel injector lines per SB 342F. C/W AD 2009-13-6 nose baggage door by installation of SB1194A. All AD's checked through 22-2022.

**I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL
INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. AIRCRAFT
RETURNED TO SERVICE.**

Wayne Smith IA# 2289662



N830MC
SN: 31-830

A/C Time: 6389.8
Model: PA-31-310

A/C Tach: 2876.9
July 20, 2021

1 Installed Garmin GDL-82 ADSB out system part number 010-01560-31 serial number 4PF008743. Performed GPS ground test and checked well. Performed transmit test and checked well. Performed interface checked well.

I CERTIFY THAT THIS AIRFRAME HAS BEEN REPAIRED AND INSPECTED AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. AIRCRAFT RETURNED TO SERVICE.

Planewayne IA# 2289662

Wayne Smith

N830MC
SN: 31-830

A/C Time: 6372.9
Model: PA-31-310

Hobbs: 2860.0
Nov 01, 2021

Annual inspection performed per FAR part 43 App "D" and IAW with the Piper Navajo PA31-310 service manual check list. Opened all inspection panels and removed aircraft interior. Inspected and lubricated all flight controls, pulleys and bell cranks. Tested interior and exterior lighting, all checked ok. Inspected and lubricated landing gear system, performed emergency extension test, checked well, serviced hydraulic system to full. Inspected left main tire and wheel assembly, packed wheel bearings. Inspected right main tire and wheel assembly, packed wheel bearings. Inspected nose tire and wheel assembly, packed wheel bearings and serviced both main tires and nose tire to correct psi. Inspected brake system, rotors and pads checked ok, replenished brake reservoir to full. Inspected main battery, performed capacity test checked well battery serial number 41097210. Inspected ELT battery ACK Technologies ELT P/N E-04 406 MHz system and tested IAW 91.207d and tested well. ELT S/N 025954 battery next due replacement Oct 30-2023. Cleaned left and right fuel filters and installed back to aircraft. C/W AD 2017-10-20 FS 332.00 bulkhead, performed a dye penetrant inspection and no cracks were found, next due inspection 3151.3 hours. C/W Ad 2016-5-1, Bulkhead mod has already been installed. C/W AD 2013-10-04 Engine turbo and exhaust system visual inspection. C/W AD 2004-25-16, Fuel pressure regulator shutoff valve. C/W AD 2004-21-5, Janitrol heater pressure decay test IAW Janitrol manual P/N 24E25-1 tested 8-28-19. C/W AD 2001-17-13 Janitrol fuel regulator, by visual inspection, found no evidence of fuel leakage. C/W AD 2003-14-3 "AN" Rotary fuel pump. C/W AD 2004-25-16R1 Kelley Aerospace Heater, by visual inspection per Kelly Aerospace SB A-107A, performed pressure test found no evidence of fuel leakage. C/W AD 2003-24-07 Rudder Torque Tube, Kit 88338, no corrosion found. C/W AD 2015-19-7 Fuel injector lines per SB 342F. C/W AD 2009-13-6 nose baggage door by installation of SB1194A. All AD's checked through 22-2021.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. AIRCRAFT RETURNED TO SERVICE.

Wayne Smith IA# 2289662

Wayne Smith

N830MC
SN: 31-830

A/C Time: 6364.2
Model: PA-31-310

A/C Tach: 2851.3
Nov 01, 2020

Annual inspection performed per FAR part 43 App "D" and IAW with the Piper Navajo PA31-310 service manual check list. Opened all inspection panels and removed aircraft interior. Inspected and lubricated all flight controls, pulleys and bell cranks. Tested interior and exterior lighting, all checked ok. Inspected and lubricated landing gear system, performed emergency extension test, checked well, serviced hydraulic system to full. Inspected left main tire and wheel assembly, packed wheel bearings. Inspected right main tire and wheel assembly, packed wheel bearings. Inspected nose tire and wheel assembly, packed wheel bearings and serviced both main tires and nose tire to correct psi. Inspected brake system, liners and rotors all components and checked ok, replenished brake reservoir to full. Replaced main battery with new P/N RG24-20, serial number 41097210. Replaced air switch lower right fuselage for operation of hobbs meter, switch part number S1498-2, tested and checked well. Replaced ELT battery with new ACK Technologies ELT P/N E-04 406 MHz system and tested IAW 91.207d and tested well. ELT S/N 025954 battery next due replacement Oct 30-2023. Cleaned left and right fuel filters and installed back to aircraft. C/W AD 2017-10-20 FS 332.00 bulkhead, performed a dye penetrant inspection and no cracks were found, next due inspection 3151.3 hours. C/W AD 2016-5-1, Bulkhead mod has already been installed. C/W AD 2013-10-04 Engine turbo and exhaust system visual inspection. C/W AD 2004-25-16, Fuel pressure regulator shutoff valve. C/W AD 2004-21-5, Janitrol heater pressure decay test IAW Janitrol manual P/N 24E25-1 tested 8-28-19. C/W AD 2001-17-13 Janitrol fuel regulator, by visual inspection, found no evidence of fuel leakage. C/W AD 2003-14-3 "AN" Rotary fuel pump. C/W AD 2004-25-16R1 Kelley Aerospace Heater, by visual inspection per Kelly Aerospace SB A-107A, performed pressure test found no evidence of fuel leakage. C/W AD 2003-24-07 Rudder Torque Tube, Kit 88338, no corrosion found. C/W AD 2015-19-7 Fuel injector lines per SB 342F. C/W AD 2009-13-6 nose baggage door by installation of SB1194A. All AD's checked through 22-2020.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. AIRCRAFT RETURNED TO SERVICE.

Planewayne IA# 2289662

Wayne Smith

N830MC
SN: 31-830

A/C Time: 6377.8
Model: PA-31-310

A/C Tach: 2864.9
June 08, 2021

- 1 Removed left boost pump part number NA and replaced with part number 2B6-64 serial number 2AG229D100.
- 2 Removed right boost pump part number 2B6-63 serial number 6M-89 and replaced with overhauled part number 2B6-63 serial number 9D100.
- 3 Replaced garlic seal on accessory housing left engine between hydraulic pump and engine driven fuel pump. Hydraulic pump seal p/n 06A19956, gasket p/n 8313, Fuel pump seal p/n STD-213
- 4 Performed aircraft run and leak check.

I CERTIFY THAT THIS AIRFRAME HAS BEEN REPAIRED AND INSPECTED AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. AIRCRAFT RETURNED TO SERVICE.

Planewayne IA# 2289662

Wayne Smith

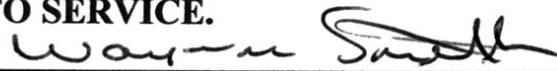
N830MC
SN: 31-830

A/C Time: 6365.0
Model: PA-β1-310

A/C Tach: 2851.4
May 01, 2018

Annual inspection performed per FAR part 43 App "D" and IAW with the Piper Navajo PA31-310 service manual checklist: all inspection panels and removed aircraft interior. Checked and lubricated all flight controls, pulleys and bell cranks. Tested interior and exterior lighting, all checked ok. Inspected and lubricated landing gear system, performed emergency extension test, checked well, serviced hydraulic system to full. Inspected landing gear system jacked aircraft cycled gear and performed emergency gear extension and checked well. Packed wheel bearings and serviced main tires and nose tire to correct psi. Inspected brake system and replaced liners and rotors with new, replenished brake reservoir and serviced nose strut with nitrogen. Replaced ELT battery with new part number battery BP1035 tested IAW 91.207d and tested well. Cleaned left and right fuel filters and installed back to aircraft. C/W AD 82-27-13, Flap extension system by visually inspecting the flap flexible drive shaft assemblies for alignment. C/W AD 2004-25-16, Fuel pressure regulator shutoff valve. C/W AD 2004-21-5, Janitrol heater pressure decay test. C/W AD 2001-17-13 Janitrol fuel regulator, by visual inspection, found no evidence of fuel leakage. C/W AD 2003-14-3 "AN" Rotary fuel pump. C/W AD 2004-25-16R1 Kelley Aerospace Heater, by visual inspection, performed pressure test found no evidence of fuel leakage. AD 2003-24-07. C/W AD 2003-24-07 Rudder Torque Tube, Kit 88338, no corrosion found. C/W AD 2008-14-7 Fuel injector lines per SB 342E. C/W AD 2009-13-6 by installation of SB1194A. All AD's checked through 07-2018.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. AIRCRAFT RETURNED TO SERVICE.

Wayne Smith IA# 2289662 

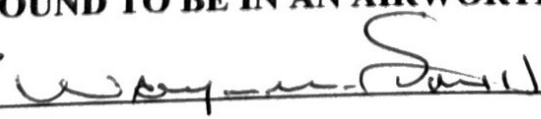
N830MC
SN: 31-830

A/C Time: 6364.2
Model: PA-31-310

A/C Tach: 2851.3
May 01, 2019

Annual inspection performed per FAR part 43 App "D" and IAW with the Piper Navajo PA31-310 service manual check list. Opened all inspection panels and removed aircraft interior. Checked and lubricated all flight controls, pulleys and bell cranks. Tested interior and exterior lighting, all checked ok. Inspected and lubricated landing gear system, performed emergency extension test, checked well, serviced hydraulic system to full. Replaced left main tire and tube with new, tire p/n 650C86-3, tire s/n 52272442, tube p/n 092-344-0. Replaced right main tire and tube with new, tire p/n 650C86-3, tire s/n 52272444, tube p/n 092-344-0. Replaced nose tire and tube with new, tire p/n 606C66-8, tire s/n 61982404, tube p/n 092-500-0. Packed wheel bearings and serviced main tires and nose tire to correct psi. Inspected brake system and replaced liners and rotors with new, replenished brake reservoir and serviced nose strut with nitrogen. Replaced ELT battery with new part number battery BP1035 tested IAW 91.207d and tested well. Cleaned left and right fuel filters and installed back to aircraft. C/W AD 82-27-13, Flap extension system by visually inspecting the flap flexible drive shaft assemblies for alignment. C/W AD 2004-25-16, Fuel pressure regulator shutoff valve. C/W AD 2004-21-5, Janitrol heater pressure decay test. C/W AD 2001-17-13 Janitrol fuel regulator, by visual inspection, found no evidence of fuel leakage. C/W AD 2003-14-3 "AN" Rotary fuel pump. C/W AD 2004-25-16R1 Kelley Aerospace Heater, by visual inspection, performed pressure test found no evidence of fuel leakage. AD 2003-24-07. C/W AD 2003-24-07 Rudder Torque Tube, Kit 88338, no corrosion found. C/W AD 2008-14-7 Fuel injector lines per SB 342E. C/W AD 2009-13-6 by installation of SB1194A. All AD's checked through 07-2019.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. AIRCRAFT RETURNED TO SERVICE.

Wayne Smith IA# 2289662 

N830MC
SN: 31-830

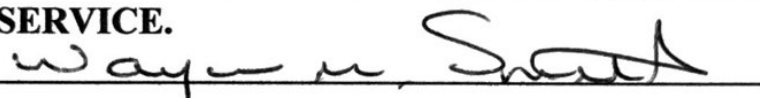
A/C Time: 6364.2
Model: PA-31-310

A/C Tach: 2850.6
Jan 01, 2016

Aircraft due annual inspection opened all inspection panels and removed aircraft interior. Checked and lubricated all flight controls, pulleys and bell cranks. Tested interior and exterior lighting, all checked ok. Inspected and lubricated landing gear system, performed emergency extension test, all normal serviced hydraulic system to full. Packed wheel bearings and serviced main tires to 65psi. Inspected brake system and checked well, replenished brake reservoir and serviced nose strut with nitrogen. Inspected and tested ELT battery tested IAW 91.207d and tested well. Cleaned left and right fuel filters and installed back to aircraft. C/W AD 82-27-13, Flap extension system by visually inspecting the flap flexible drive shaft assemblies for alignment. C/W AD 2004-25-16, Fuel pressure regulator shutoff valve. C/W AD 2004-21-5, Janitrol heater pressure decay test. C/W AD 2001-17-13 Janitrol fuel regulator, by visual inspection, found no evidence of fuel leakage. C/W AD 2003-14-3 "AN" Rotary fuel pump. C/W AD 2004-25-16R1 Kelley Aerospace Heater, by visual inspection, performed pressure test found no evidence of fuel leakage. AD 2003-24-07. C/W AD 2003-24-07 Rudder Torque Tube, Kit 88338, no corrosion found. C/W AD 2008-14-7 Fuel injector lines per SB 342E. C/W AD 2009-13-6 by installation of SB1194A. All AD's checked through 2016-26.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. AIRCRAFT RETURNED TO SERVICE.

Robin Air LLC IA# 2289662



N830MC
SN: 31-830

A/C Time: 6364.2
Model: PA-31-310

A/C Tach: 2850.6
Mar 01, 2017

Annual inspection performed per FAR part 43 App "D" and IAW with the Pipper Navajo PA31-310 service manual checklist:all inspection panels and removed aircraft interior. Checked and lubricated all flight controls, pulleys and bell cranks. Tested interior and exterior lighting, all checked ok. Inspected and lubricated landing gear system, performed emergency extension test, checked well, serviced hydraulic system to full. Replaced left main tire and tube with new, tire p/n 650C86-3, tire s/n 52272442, tube p/n 092-344-0. Replaced right main tire and tube with new, tire p/n 650C86-3, tire s/n 52272444, tube p/n 092-344-0. Replaced nose tire and tube with new, tire p/n 606C66-8, tire s/n 61982404, tube p/n 092-500-0. Packed wheel bearings and serviced main tires and nose tire to correct psi. Inspected brake system and replaced liners and rotors with new, replenished brake reservoir and serviced nose strut with nitrogen. Replaced ELT battery with new part number battery BP1035 tested IAW 91.207d and tested well. Cleaned left and right fuel filters and installed back to aircraft. C/W AD 82-27-13, Flap extension system by visually inspecting the flap flexible drive shaft assemblies for alignment. C/W AD 2004-25-16, Fuel pressure regulator shutoff valve. C/W AD 2004-21-5, Janitrol heater pressure decay test. C/W AD 2001-17-13 Janitrol fuel regulator, by visual inspection, found no evidence of fuel leakage. C/W AD 2003-14-3 "AN" Rotary fuel pump. C/W AD 2004-25-16R1 Kelley Aerospace Heater, by visual inspection, performed pressure test found no evidence of fuel leakage. AD 2003-24-07. C/W AD 2003-24-07 Rudder Torque Tube, Kit 88338, no corrosion found. C/W AD 2008-14-7 Fuel injector lines per SB 342E. C/W AD 2009-13-6 by installation of SB1194A. All AD's checked through 03-2017.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. AIRCRAFT RETURNED TO SERVICE.

Robin Air LLC IA# 2289662

