



12931 W 151st STREET | OLATHE, KS 66062 | 620-960-7720 | MEADAIRCRAFT@GMAIL.COM

Airframe log entry (02-11-2022)

N2445F PA46-500TP S/N: 4697480 HM and Total Time: 2169.6

Inspected aircraft per MAS PA46-500TP Meridian inspection guide. Performed ICA special inspections. Researched AD status through latest FAA biweekly. Lubricated controls and repacked wheel bearings. Replaced nose gear emergency down spring. Resealed both main gear struts and reserviced with 5606 fluid and nitrogen. Performed landing gear retraction checks in both normal and emergency operations. Operations are satisfactory. C/W **CFR 91.207(d) ELT inspection and test. Test okay. Battery replacement due: April 2025.** Evacuated and leak checked AC system. No leaks noted, reserviced AC system with 2.5lbs R134a refrigerant. Repaired broken passenger seat headrest supports. Replaced booth lower cabin entry door cables. Reserviced crew O2 bottle to 2000psi. Replaced aft bench seat support bracket. Replaced alternator and AC compressor drive belts. Replaced brake reservoir O-ring. Adjusted elevator and rudder cable tensions. **Replaced existing RG-41 battery with Concorde STC SA01050DE higher capacity RG41-53 battery S/N: 41140951.** Garmin GWX68 replaced by Duncan aerospace with overhauled unit. Overhauled by Garmin W/O#: 15756574. P/N: 011-00883-00 S/N: 83952911. Placed manual supplement in POH and updated aircraft weight and balance. 2-year IFR recertification performed by Duncan Aerospace CRS#: JQ02194F. **2000hr alternator overhaul** performed by Aerotech of Louisville W/O#: 143521 P/N on: ES4019-1 S/N: H-L102181. C/W **Piper SB 1183** elevator plate rivet inspection. No defects noted. NID in 100 hrs. C/W **Piper SB 1369** elevator spar inspection. No defects noted. NID in 100 hrs. C/W **Piper SL 1131** aileron sector lubrication. Next lubrication is due every year. C/W **Piper SL 1135** cable and pulley inspection. No defects noted, next inspection is in one year. C/W **Piper SL 1286D** Nose steering components inspection. No defects noted. C/W **Piper SL 1297** Rudder tube assembly inspection. no defects noted. NID 100 hrs.

I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition. Raydel Acosta [REDACTED] (02-11-2022)



12931 W 151st STREET | OLATHE, KS 66062 | 620-960-7720 | MEADAIRCRAFT@GMAIL.COM

Engine log entry (02-11-2022)

N2445F PT6A-42A S/N: PCE-RM0518 HM and Engine Total Time: 2169.6 (763.5 TSHSI)

Inspected engine per MAS Meridian inspection guide. Checked both igniters, oil filter, and P3 filter. Replaced both igniters. Replaced LH ignition lead. Repositioned LH de-ice brush block. Drained engine oil from oil sump, oil cooler, RGB and heat exchanger. Reserviced engine with 10qts Eastman 2380 turbine oil. **6-year FCU overhaul** performed by International Governor Services W/O#: 2325601 P/N on: 4138014-1 S/N: C82322. performed **8-year engine oil** starter/generator overhaul performed

Resealed both main gear struts and reserviced with 5606 fluid and nitrogen. Performed lading gear retraction checks in both normal and emergency operations. Operations are satisfactory. **C/W CFR 91.207(d) ELT inspection and test. Test okay. Battery replacement due: April 2025.** Evacuated and leak checked AC system. No leaks noted, reserviced AC system with 2.5lbs R134a refrigerant. Repaired broken passenger seat headrest supports. Replaced booth lower cabin entry door cables. Reserviced crew O2 bottle to 2000psi. Replaced aft bench seat support bracket. Replaced alternator and AC compressor drive belts. Replaced brake reservoir O-ring. Adjusted elevator and rudder cable tensions. **Replaced existing RG-41 battery with Concorde STC SA01050DE higher capacity** RG41-53 battery S/N: 41140951. Garmin GWX68 replaced by Duncan aerospace with overhauled unit. Overhauled by Garmin W/O#: 15756574. P/N: 011-00883-00 S/N: 83952911. Placed manual supplement in POH and updated aircraft weight and balance. 2-year IFR recertification performed by Duncan Aerospace CRS#: JQ02194F. **2000hr alternator overhaul** performed by Aerotech of Louisville W/O#: 143521 P/N on: ES4019-1 S/N: H-L102181. **C/W Piper SB 1183** elevator plate rivet inspection. No defects noted. NID in 100 hrs. **C/W Piper SB 1369** elevator spar inspection. No defects noted. NID in 100 hrs. **C/W Piper SL 1131** aileron sector lubrication. Next lubrication is due every year. **C/W Piper SL 1135** cable and pulley inspection. No defects noted, next inspection is in one year. **C/W Piper SL 1286D** Nose steering components inspection. No defects noted. **C/W Piper SL 1297** Rudder tube assembly inspection. no defects noted. NID 100 hrs.

I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition. Raydel Acosta _____ (02-11-2022)



12931 W 151st STREET | OLATHE, KS 66062 | 620-960-7720 | MEADAIRCRAFT@GMAIL.COM

Engine log entry (02-11-2022)

N2445F PT6A-42A S/N: PCE-RM0518 HM and Engine Total Time: 2169.6 (763.5 TSHSI)

Inspected engine per MAS Meridian inspection guide. Checked both igniters, oil filter, and P3 filter. Replaced both igniters. Replaced LH ignition lead. Repositioned LH de-ice brush block. Drained engine oil from oil sump, oil cooler, RGB and heat exchanger. Reserviced engine with 10qts Eastman 2380 turbine oil. **6-year FCU overhaul** performed by International Governor Services W/O#: 2325601 P/N on: 4138014-1 S/N: C82322. performed **8-year engine oil and hydraulic hose replacement. 1000hr starter/generator overhaul** performed by Aerotech of Louisville W/O#: 143522 P/N on: 200SGL145Q S/N: 8007. **1000hr Tachometer generator overhaul** performed by Accessories Inc. W/O#: 92429R and 92430R. P/Ns on: 32005-007 Qty: 2 S/N: 213438 and 246922. Performed **400hr fuel purge system filter cleaning**. Performed **500hr RGB screen inspection**. No defects noted. Performed **1000hr engine oil filter replacement**. Performed compressor desalination and compressor turbine washes. Washed down engine and performed run-up and functional checks. Operations are satisfactory.

I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition. Raydel Acosta _____ (02-11-2022)



12931 W 151ST STREET | OLATHE, KS 66062 | 620-960-7720 | MEADAIRCRAFT@GMAIL.COM

Prop log book entry 8-3-2021

N2445F MTV-27-1-E-C-F S/N 180532 HM 2092.0 hrs Prop TT "0" hrs

Installed this propeller on Piper N2445F Piper PA46-500TP per STC SA03446NY and TMT manual #E2169.
Performed engine run-up and functional checks. Operations are satisfactory

Kevin Mead _____ A&P [REDACTED] 8-3-2021



12931 W 151ST STREET | OLATHE, KS 66062 | 620-960-7720 | MEADAIRCRAFT@GMAIL.COM

Airframe log entry 8-3-2021

N2445F PA46-500TP S/N 4697480 HM and TT 2092.0

Removed original Hartzell HC-E4N-3Q 4 blade propeller. Installed new MTV-27-1-E-C-F 5 blade propeller S/N 180532 per STC SA03446NY using MT install manual. Performed weight and balance computations and revised equipment list.

Run-up and functional checks are satisfactory. See FAA form 337 dated 8-2-2021.

Kevin Mead _____ A&P [REDACTED] 8-3-2021