N8538P

1964 Commanche 400

Airframe Logbooks (2000-2024)

MSN: 26-119

RidgeAire
WORLDWIDE
aviation specialists

Prepared by the worldwide aviation specialists at RidgeAire, Inc.

Aircraft Record General Information

Manufacturer Piper **Model** PA 24-400

Serial 26-119 **Registration Number** N8538P

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ **Model** _____ **Serial** _____

Manufacturer _____ **Model** _____ **Serial** _____

Propeller(s) currently installed:

Manufacturer _____ **Model** _____

HUB Model _____ **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

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DATE 19_____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Piper PA24-4000 S/N: 26-119

N8538P Tach: 953.9

Removed RH aileron aft skin. Disassembled internal structure of aileron. Inspected internal structure, removed corrosion and treated. Replaced existing spar with factory new spar PN 20213-000 using original type fasteners. Installed factory new aft skin PN 20234-019 using original type fasteners. All work performed in accordance with Piper PA24-400 Maintenance Manual and AC43.13-1B section 4, para 4-57. See Form 337 dated 6/27/2000.

James Sammons Date: 6/27/00

James Sammons 430470346A&P

DATE 2000	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
8-18-00	969.9		5421.0	Annual Inspection Complete: Aircraft placed on jacks gear retraction norm. Inspect + Lub wheels Tires + brakes. Inspect + Lub all controls cables + pullys. function Test Lights + electrical system C/W all ADs To This date see AD compliance records

Date 8-18-00 **Total Time** 5421.0
I certify that this Aircraft
has been inspected in accordance with
a Annual **inspection and was**
determined to be in airworthy contition.
J. B. Wagen
IA 4366438 53

N8538P on 9-26-2000 @ A/C Tach Time 977.0 Complied with Propeller Balance I/A/W Smooth Propeller Manual and Found satisfactory at this Time. Ref 337 Dated 9-26-00. IA 4564 1219

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DATE 19_____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				1) Changed oil and inspected filter no metal noted.
				2) Cleaned and gapped all plugs.
				3) Cleaned fuel strainer screen.
				4) Checked tension on rudder cables.
				DATE: 03/28/2001 W/O: 5565 TACH TIME: 1002.3
				I certify that the above repairs are airworthy and that the aircraft is approved for return to service.
				Signed
				Robert E. Johnson for ADS Aircraft Services, Inc.
				CRS ADKR101K Addison Airport (972) 250-4629

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DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
09/12/01				COMPLETED 100 HOUR/ANNUAL INSP IAW PIPER GUIDE
				1) C/W AD 77-13-21 Para(b)
				2) C/W AD 74-13-03 para(1)+(2) AD NO LONGER APPLIES
				3) C/W AD 93-02-05 par(a)+(c)
				4) C/W AD 97-01-01 para(a)(1),(a)(2)+(b)
				5) C/W AD 98-18-02 para (a)(1)
				6) C/W AD 94-13-10 para (a)(1)(2)
				7) Replaced MLG door hinges
				8) Replaced nose wheel bearings + races
				9) Replaced brake discs
				10) Resealed right brake caliper
				11) Replaced induction air filters
				12) Replaced windshield
				13) Replaced all windows
				14) O^2 bottle hydrostatic tested
				I certify that this aircraft has been insp IAW
				a 100 hr/Annual insp. & was determined to be airworthy and.

[signature] CA&A KC101K A/P # 9218

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DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Broadie's Aircraft Inc., Meacham Field, Loc N2, Ft. Worth, TX 76106

TT/SO -
AC/TT 55961
TACH: 1135
HOBBS 1

SUPPLEMENTAL LOG BOOK ENTRY

A/C N# 8538P S/N: 26-119

Description of work performed:

REMOVE OLD ANALOG CHT INSTALL PROBE. INSTALL ALCOR DUAL CHT AND EGT KIT 46126 PER STC SA522-SW-OPS CHECKS OK. USED MANUAL SUPPLIED WITH KIT. REMOVED TACH INST FOR OVERHAUL. TT1135.00. INSTALLED LOANER TACH TT6775.2 SERVICED 2 EA 02 BOTTLES

Signature: Ben Buckley

Repair Station #WF1R582K

Date: 9/6/02 RO# 179027

Broadie's Aircraft Inc., Meacham Field, Loc N2, Ft. Worth, TX 76106

TT/SO
AC/TT 5583.10
TACH: 1132.6
HOBBS

SUPPLEMENTAL LOG BOOK ENTRY

A/C N# 8538P S/N: 26-119

Description of work performed:

INSTALLED NEW LANDING GEAR MOTOR AND OVER HAULED GEAR TRANSMISSION. REMOVED AND REPLACED NEW BUNGEES ON GEAR. INSTALLED NEW LANDING GEAR CABLES. ADJUSTED GEARS TO SPECS AND RAN GEAR CHECK. RETURNED TO SERVICE.

Signature: Ben Buckley

Repair Station #WF1R582K

Date: 8/12/02 RO# 178970

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DATE 19_____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Broadie's Aircraft Inc., Meacham Field, Loc N2, Ft. Worth, TX 76106

TT/SO
AC/TT 5584.8
TACH: 1138.7
HOBBS

SUPPLEMENTAL LOG BOOK ENTRY

A/C N# 8538P S/N: 26-119

Description of work performed:

TROUBLE SHOOT NOISE IN ENGINE. TOOK OIL SAMPLE AND REMOVED OIL FILTER. NO METAL FOUND, COULD NOT VERIFY WHERE NOISE WAS COMING FROM. SOUNDS LIKE NORMAL NOISE FOR LYCOMMING. REPAIRED TURBO MOUNT RIGHT SIDE ENGINE. INSTALLED NEW FILTER AND RAN. NO LEAKS NOTED. RETURNED TO SERVICE.

Signature: _____

Repair Station #WF1R582K

Date: 11/8/02 RO# 179077

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Alterations
Number of
cific entries.)

Broadie's Aircraft Inc., Meacham Field, Loc N2, Ft. Worth, TX 76106

TT/SO
AC/TT 5607.7

SUPPLEMENTAL LOG BOOK ENTRY

A/C N# 8538P S/N: 26-119 TACH: 1156.6

Description of work performed: **AIRCRAFT** HOBBS

COMPLETED 100 ANNUAL INSPECTION ON AIRCRAFT IAW PIPER INSPECTION REPORT. REMOVED STRAPS SECURING COWL FLAPS. REPLACED 1 EA COWL FLAP CABLE. PULLED WHEELS AND CLEANED AND PACKED WHEEL BEARINGS. SERVICED BRAKE RESERVOIR. SERVICED BATTERY. CHECKED EXHAUST WITH PRESSURE. REPLACED RIGHT MAIN SCISSOR BUSHING AND BOLT. REPAIRED BRAKE RESERVOIR VENT TUBE. REPAIRED CRACK IN LEFT GEAR REAR TURNION SUPPORT. C/W AD94-13-10 HI-SHEAR RIVETS BY INSPECTION (DUE EVERY 100 HR.) C/W FAR 91-207-(D) ELT AND BATTERY. CHANGED BATTERY (DUE 4-04) C/W 79-12-08 FUEL SELECTOR VALVES. (DUE EVERY 50 HRS). C/W 83-10-01 WATER AND FUEL SYSTEM. INSTALLED PLACARD. (DUE EVERY 50 HRS). C/W AD75-12-06 FIN FWD SPAR BY INSPECTION. RAN GEAR CHECK OPS OK. CHECKED AND LUBED FLIGHT CONTROLS. GREASED GEAR. RETURNED TO SERVICE.

Signature: Ben Bailey

Repair Station #WF1R582K

Date: 3/24/03 RO# 179161

BROADIE'S AIRCRAFT, INC.
Meacham Field, Loc. 2N
200 Commander Rd., Fort Worth, TX 76106
FAA Repair Station #WF1R582K
Airframe Class 3
Powerplant Class 1

I certify that this Aircraft/~~Engine~~ has been inspected in accordance with a ANNUAL Inspection and was determined to be in Airworthy Conditioned. Details of inspection are on file under W.O. No. 179161 Date 3-24-03 Total Time 1156.6

Signed Ben Bailey

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DATE 19_____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Broadie's Aircraft Inc., Meacham Field, Loc N2, Ft. Worth, TX 76106

TT/SO
AC/TT
TACH: 0
HOBBS

SUPPLEMENTAL LOG BOOK ENTRY

A/C N# 8538P S/N: 26-119

Description of work performed:

RAN GEAR CHECK. OPS CHECKED OK. RESEALED NOSE GEAR STRUT AND SERVICED.
INSTALLED BOLT IN LEFT TURBO BRACKET. RETURNED TO SERVICE.

Signature: _____

Repair Station #WF1R582K

Date: 5/16/03 RO# 179275

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DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
A/C #85388	1156 TT			OIL & FILTER SERVICE / INSP. FILTER - NO METAL NOTED / CK. TENSION ON CABLES (ADJUSTED) LUBED ALL CABLES & PULLEYS - CK. TURB PRESSURE (MAINS & NOSE) R & R ENG. GROUND CABLE CABLE # BACJ40K5A7A8 - RET. TO SERVICE. CK. TURBO CLAMPS.

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DATE 19_____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Broadie's Aircraft Inc., Meacham Field, Loc N2, Ft. Worth, TX 76106

TT/SO 664.7
AC/TT
TACH: 1209.9
HOBBS 0

SUPPLEMENTAL LOG BOOK ENTRY

A/C N# 8538P S/N: 26-119

Description of work performed: AIRCRAFT

RECEIVED AIRCRAFT WITH BOTH WINGS REMOVED ALSO RIGHT HORIZONTAL STABILIZER OFF. ALL INTERIOR WAS REMOVED AND FLOOR PANELS TAKEN LOOSE. TEAR DOWN AND TRANSPORTATION OF AIRCRAFT WAS DONE BY AIR SALVAGE OF DALLAS. LANCASTER, TX. FABED CRADLE TO FIT FUSELAGE. INSTALLED WINGS WITH NEW BOLTS AND NUTS. HOOKED UP LANDING GEAR CABLES. AILERON AND FLAP CABLES REINSTALLED. ALL NAV LIGHTS-LANDING LIGHTS-FUEL GAGE SENDERS HOOKED UP. PIPER PA24-400 MAINTENANCE MANUAL WAS USED FOR WORK DONE ON AIRCRAFT. INSTALLED RIGHT HORIZONTAL STABILIZER ON TAIL SECTION AFTER CLEANING AND TREATING TORQUE TUBE. COMPLETED RIGGING OF ALL FLIGHT CONTROLS AND GEAR WILL BE DONE ON ANNUAL INSPECTION. PROP AND ENGINE REMOVED DUE TO ENGINE FAILURE. ENGINE MOUNT TO BE SENT OUT FOR REPAIR. (RUST HOLES IN LOWER TUBING.)

Signature: _____

Repair Station #WF1R582K

Date: 3/1/2005 RO# 179880

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DATE 19_____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Broadie's Aircraft Inc., Meacham Field, Loc N2, Ft. Worth, TX 76106

		TT/SO	
SUPPLEMENTAL LOG BOOK ENTRY		AC/TT	5660.4
A/C N# 8538P	S/N: 26-119	TACH:	1209.9
Description of work performed:	AIRCRAFT	HOBBS	0

COMPLETED ANNUAL INSPECTION ON AIRCRAFT IAW PIPER PA24-400 INSPECTION REPORT. REMOVED AND INSTALLED NEW FUEL CELLS LEFT AND RIGHT AUX. CELLS, P/N LH 22703AT-00 S/N 25-RT 22703AT-01 S/N 27. USED NEW GASKETS. FURNISHED. REPAIRED BOTH FUEL STRAINERS. FILLED CELLS WITH FUEL. NO LEAKS NOTED. INSTALLED 2 EA FUEL CAPS (LEFT AND RIGHT AUX) REMOVED ENGINE MOUNT AND REINSTALLED AFTER REPAIR USING NEW BOLTS AND NUTS. (SEE TAG) WORK DONE BY RAY'S AIRCRAFT WELDING. FARMERS BRANCH, TX. REMOVED AND REPLACED 02 BOTTLE AFTER CERTIFYING. SERVICED 02 BOTTLE. C/W FAR 91-207 9D0 ELT AND BATTERY. CHANGED BATTERY DUE 1-07. JACKED AIRCRAFT PULLED WHEELS AND CLEANED, INSPECTED AND PACKED WHEEL BEARINGS. REPLACED NOSE TIRE AND BALANCED. RIGGED GEAR TO SPECS. DUE TO WINGS BEING OFF. GREASED GEAR. REPAIRED RIGHT HAND NOSE GEAR DOOR. MAIN GEAR BUNGGEE'S DUE AT TACH 1545,2, PAINTED NOSE GEAR. REPLACED BOLT ON RIGHT GEAR DRAG LINK BRACKET. REPLACED RIGHT HAND NOSE STEERING BOOT. REPLACED VALVE CORE ON NOSE STRUT. RESEALED NOSE STRUT AND SERVICED. RAN GEAR CHECK SEVERAL TIMES. PERFORMED EMERGENCY GEAR CHECK. OPS CHECKED GOOD. REMOVED AIRCRAFT FROM JACKS. C/W AD2004-13-10 INSPECT STAB TORQUE TUBE. C/W AD83-10-01 FUEL HOUSING AND PLACARD. INSTALLED PLACARD.

CONTINUED ON NEXT PAGE

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DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

CONTINUED FROM PREVIOUS PAGE

C/W AD79-12-08 FUEL SELECTOR VALVE (NO LEAKS) . C/W AD75-12-06 VERTICAL FIN SPAR (NO CRACKS FOUND). INSTALLED PLACARD FOR NA. AND PANEL LIGHTS. FABRICATED 2 EA DOUBLERS AND INSTALLED ON LEFT AND RIGHT STRINGERS BELOW FORWARD WING ATTACH FITTINGS (FLOOR LEVEL). RESECURED C/B PANEL. TIGHTENED THROTTLE CONTROL CABLE IN INSTRUMENT PANEL. REPAIRED STABILIZER TRIM CABLE. REPLACED BOTTOM BEACON LENS. REPLACED LEFT LANDING LIGHT LENS. FABRICATED NEW CABLE FOR RUDDER AND AILERON INTERCONNECT. FABRICATED NEW LEFT FORWARD RUDDER CABLE. CLEANED AND LUBED RIGHT AILERON CLEVIS BOLT/NUT UNDER FLOORBOARD. (AFT SEAT AREA) TIGHTENED SEAT BELT AFTER OUTBOARD BOLT (LEFT AND RIGHT). REPLACED CO-PILOTS PUSH TO TALK SWITCH. RIGGED ALL FLIGHT CONTROLS-AILERONS LEFT AND RIGHT- RUDDER AND FLAPS. ADJUSTED CABLE TENSIONS AND ADJUSTED CABLE TENSIONS AND ADJUSTED MECHANICAL STOPS. ALL WORK WAS DONE USING PIPER PA-24-400 MAINTENANCE MANUAL REPLACED VACUUM FILTER. CHECKED AND SERVICED BATTERY. TIED WIRE BUNDLES AT PILOTS RUDDER PETALS ALSO CO-PILOTS RUDDER PETALS. REPLACED RIGHT AND LEFT AIR VENT DUCT. INSTALLED NEW DUCT TO LEFT AND RIGHT HEAT DUCT. REPAIRED PILOTS FRESH AIR CONTROL CABLE AT CONTROL KNOB. INSTALLED INTERIOR-FLOOR BOARDS-CARPET SEATS.

Signature: _____

Repair Station #WF1R582K

Date: 3/1/2005 RO# 179880

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DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (*See* back pages for other specific entries.)

Broadie's Aircraft Inc, Meacham Field, Loc N2, Ft. Worth, TX 76106

SUPPLEMENTAL LOG BOOK ENTRY ACTT: 5662.8

A/C N# 8538P S/N 26-119 TACH 1212.3

Description of work performed. Airframe

Performed annual inspection per Piper PA24-400 inspection checklist. Installed missing screw (P/N AN526-10R8) on cowling right air inlet. Installed new cabin fire extinguisher (P/N C352TS) and bracket Found and fixed 8 instruments by resoldering the wire connections and benging the inside tabs to make good connections. Serviced brake fluid reservoir with MIL-H-5606. Adjusted aileron cable tension to within limits. Adjusted stabilator cable tension to within limits. Treated aileron cables with LPS3 corrosion inhibitor. Fabricated and installed 2 cable phenolic seperators and 1 phenolic pass through on the right side aileron cables. Treated the right wing outboard top skin surface corrosion, inside of wing, with LPS 3 and wiped down. Cleaned and treated surface corrosion on flap tracks. Cleaned and treated corrosion on left fuel tank sender. Serviced nose strut to proper extension. Installed new grommet (P/N MS35489-17) on right fuel vent. Resealed brake calipers with new orings (P/N MS28775-222) and bled brakes. Found loose connection to power in on ammeter, retightened connection. Ins

cont'd next page

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (*See* back pages for other specific entries.)

(P/N G-243, S/N G02431255). Complied with AD75-12-06 by inspection, due in 100 hrs. Complied with AD94-13-10 Par (a) (1 &2) by inspection, due in 100 hrs. Complied with AD83-10-01 by inspection, due in 50 hrs. Complied with AD 79-12-08 and SB851 part A by inspection, due in 100 hrs. Complied with AD77-13-21 and SB782B with installation of new bungee cords (P/N 451-359). Part (a) inspection due at Tach time 1545.2, part (b) bungee cord change due in 3 years or 500 hrs. Complied with FAR 91-207-(D) ELT inspection. All work was done IAW Piper Maintenance manual and this aircraft is approved for return to service in regards to the work performed.

Signature

Repair Station #WF1R582K

Date 2/20/2009 RO# 181209

BROADIE'S AIRCRAFT, INC.
Meacham Field, Loc. 2N
200 Commander Rd., Fort Worth, TX 76106
FAA Repair Station #WF1R582K
Airframe Class 3
Powerplant Class 1

I certify that this Aircraft/Engine has been inspected in accordance with a annual **Inspection and was determined to be in Airworthy Conditioned. Details of inspection are on file under W.O. No.** 181209 **Date** 2/20/09 **Total Time** 5662.8

Signed

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
				Piper N8538P (IFR Cert) February 9th, 2009 Bench tested the United Altimeter & Matched the ACK Encoder to 30,000ft. to FARs. Performed the Static & Integrated System Test to FAR. 91.411 Paragraph (c) Appendix E of Part 43. Repaired Transponder & Tested (King KT76 S/N 2457) to FAR. 91.413 Appendix F of Part 43. Certified by STAHL AIR INSTRUMENTS, INC. CRS# WM1R589K. WO# 2680
				By M Stahl

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Broadie's Aircraft Inc

SUPPLEMENTAL LOG BOOK ENTRY

A/C N# 8538P S/N: 26-119 TACH: 1212.9

Description of work performed: Airframe

Troubleshoot starter not working. Checked battery, starter relay,master switch. Found bad ground from battery to airframe. Removed battery terminal from airframe and cleaned new area for ground stud. Installed battery ground lead to airframe. Operations check okay. IAW AC-43-13 1B. Approved for return to service in regards to work done.

Signature:

Repair Station #WF1R582K

Date: 03.20.09 RO# 181261

Make	Model	ACFT S/N	N #	TACH	DATE
PIPER	PA-24-400	26-119	N8538P	1225.7	OCT 31, 2012

1.) SERVICED OXYGEN SYSTEM TO 1800 PSI WITH AVIATORS BREATHING OXYGEN.
IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 7962.

MARK E. GIVANS

CRS # P90R564Y

01 ASA

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

05-07-2019 Model: Piper PA24-400 N8538P Serial No.26-119
Hobbs Time 1253.8 Airframe Total Time: 5723.8

Performed Annual Inspection on Airframe in accordance with Piper Service Manual and Johnston Aircraft Service 100 Hour/Annual checklists. Cleared blocked lines for fuel flow gauge and replaced vacuum pump with new. Replaced vacuum pump adapter oil seal with new and installed sealed Concord battery. Installed new Skytec Hi Torque starter and flushed and serviced all landing gear struts with hydraulic fluid and nitrogen. Replaced main landing gear bungees with new and replaced throttle cable with new. Airframe is in compliance with all applicable AD's through 2015-24-03, and in Airworthy condition at this time. Both Turbos are in compliance with all applicable AD's through 82-27-03. Replaced all turbo oil lines at the time.
For more information see J.A.S. Work Orders A9579 and A9580.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH 100HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
DATED 5-7-2019 TOTAL TIME HRS. 5723.8
SIGNED [signature]

JOHNSTON AIRCRAFT SERVICE, INC REPAIR STATION NO BG 4R075M
TULARE MUNICIPAL AIRPORT TULARE, CALIFORNIA

I certify that the transponder in this aircraft has been tested and meets the requirements of FAR 91.413 & FAR 43-Appendix F.
#1 Model# GTX 327 S/N 4PF005227
#2 Model# — S/N —
W/O# M-6507
Date 12 / 03 / 19
Insp. [signature]
Bellingham Aviation Services FAA CRS # YGIR141Y

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DATE 19____	R T T	erations mber of entries.)

Gashawk Services, LLC, Eastsound, WA (360) 317-6459

11/29/2019 Tach Time 1266.1. Removed inoperative transponder. Installed used serviceable Garmin Transponder P/N GTX 327, P/N 011-00490-00 S/N 83726892, Installed Garmin GDL-82 ADS-B W/GPS, P/N 010-01560-31, S/N 4PF005227 and GPS Antenna P/N 013-00235-00 GA35, S/N 173352 using TSO installation manual 190-01810-00, Mar 2018, Revision 5. Removed inoperative ELT. Installed Artex 345/406 ELT, P/N 11-13989, S/N 317-00218, HEX ID# 2DC89 E8184 FFBFF, Cage code18560. ELT battery due MAR 2023.
This aircraft returned to service.

Wayne Munich A&P 2808491IA
Signature_____

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DATE

19_____

and Alterations
ficate Number of
r specific entries.)

SOUND MAINTENANCE

N8538P

11/27/2020 TACH 1329.4 TTAF 5799.4
PERFORMED 100HR/ANNUAL INSPECTION PER MANUFACTURE CHECKLIST AND FAR 43. COMPRESSION CHECK. CLEAN GAP AND ROTATE SPARKPLUGS, CHECK MAGNETO TO ENGINE TIMING, DRESSED AND INSPECTED PROPELLER BLADES, SERVICED BATTERY AND BRAKES, LUBED ENGINE AND FLIGHT CONTROLS, INSTALLED NEW FILTERS B3-5-1, AAD9-18-1 SERVICED INDUCTION AIR FILTERS BY CLEANING AND OILING. REMOVED AND REPLACED LEFT MAIN STRUT TRUNION WITH SERVICABLE GOOD 20752-008 FROM WEBCO. VERIFIED LEFT MAIN GEAR RIGGING REPLACED SEALS IN BOTH MAIN STRUTS OLEOS AND SERVICED WITH NEW H5606 AND NITROGEN PERFORMED GEAR RETRACTION AND EMERGENCY EXTENSION CHECKS NO DEFECTS NOTED. REMOVED AND REPLACED LEFT TURBO CHARGER WITH OVERHAULED UNIT RJ0326-1 SERIAL 0077937. INSTALLED NEW NOSE WHEEL AXLE BOLT AN6-75A. REMOVED AND REPLACED BELLY STROBE LAMP WITH SERVICABLE UNIT FIBERGLASS REPAIRED FRONT RIGHT NOSE COWLING AS NEEDED. COMPLIED WITH FAR 91.207(D). **ALL AD'S COMPLIED WITH THROUGH CURRENT ISSUE, REFER TO AD COMPLIANCE SHEET THIS DATE.** I CERTIFY THAT THE INSPECTION AND MAINTENANCE OF THIS AIRCRAFT HAS BEEN PERFORMED IN ACCORDANCE WITH MANUFACTURE CHECKLIST AND FAR 43. AND WAS FOUND TO BE IN AIRWORTHY CONDITION RETURN TO SERVICE

DEAN RILEY AP2645280IA

Piper PA24-400 S/N: 26-119 N8538P
05/19/21 TACH: 1359.8
Reinstalled oxygen tank and leak checked fittings. Ok at this time. Jeb Lepage 3222966 A&P

Piper PA24-400 S/N: 26-119 N8538P
02/16/22 TACH: 1362.4
Removed left hand brake master cylinder, installed new seal kit, reinstalled cylinder and bled brake. Jeb Lepage 3222966 A&P.

Sandoval Aero Services

N8538P Piper PA24-400 SN:26-119 Tach:1331.4 TTAF:5801.4 DATE:

3/28/22

Performed Annual inspection IAW piper maintenance manual and AC 43.13B. Inspected ELT IAW 91.207D ops check good expires 2026. Installed new vacuum filter PN:D9-14-5 and garter filter Lubricated and inspected all rod ends, hinge points and pulleys. Inspected wheels tires brakes, repacked wheel bearings and inflated tires , serviced and bled with 5606A. Serviced struts with nitrogen, Performed ADS,68-05-01 exhaust,77-13-21 landing gear,79-12-08 fuel selector, 83-10-01 water contamination,94-13-10 torque tube 03-14-03 rotary pump,15-19-07 fuel injector lines. I certify that this aircraft has been inspected IAW with Annual inspection and found to be in airworthy condition in regards to the above work performed. No defects Noted at this time.

A&P 3473909 IA Joshua Sandoval

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DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

FAR 91.413

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANSPONDER #1	MAKE: GARMIN	MODEL: GTX-327	S/N 4PF 005 227
TRANSPONDER #2	MAKE: —	MODEL: —	S/N —
DATE 2 APRIL 2022	W/O 20701	INSPECTOR: DAFFER	

TEC-AIR, INC.
FAA APPROVED REPAIR STATION # QJCR740X

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07/02/2024 **Model # PA-24-400** **N8538P** **S/N 26-119**

Tach: 1364.90 **Total time:** _____ **Tach time:** _____

Installed JPI 830 IAW STC SA2586NM. Installed all EGT probes and CHT probes in their respective locations. Installed fuel flow transducer and associated fuel lines. Installed Tachometer pick up in L/H magneto. Installed manifold pressure sensor. All power and grounds were connected, and appropriate circuit breakers were installed. JPI 830 indicator was installed with the pilot's sight as required by the installation instruction. This installation was not pressure-checked due to other ongoing maintenance issues. A full power check needs to be performed. Additionally, the fuel flow must be verified, and fine-tuning calibration must be performed.

Jason J. Manzanares A&P 2852248

08/23/2024 N8538P Tach time 1365.7
Repaired fuselage bulkhead at station 165 See 337 this date
Replaced nose gear door actuator bracket assembly
David L Robertson
A&P 2193392

DATE	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
19__				

AIR ONE SYSTEMS

"Where Quality Surpasses Your Expectations"

Manufacture PIPER Model PA24-400 S/N # 26-119 Reg. Number N8538P

Date August 26, 2024

Acft Time TACH 1364.90 Heater Hobbs _____ Acft Hobbs _____

LOG BOOK ENTRY

REMOVED HORIZON GYRO PN 5000B-38 SN T41302, D.G PN 4000G SN 54719F, T/C PN 1394T100 SN 772-340, VSI PN UNK SN 4633, ALTIMETER PN 5934PA-3 SN 408179, KX 170B PN 069-1020-00 SN 23351, KI 213 PN 066-3025-00 SN 1154, AIRSPEED INDICATOR PN 5A-46-1RB SN 36292, SUCTION GAGE PN UNK SN 19668, G/S ANTENNA PN CI-104 SN UNK, GTX 327 TRANSPONDER PN 011-00490-00 SN 83726892, GDL 82 PN 011-03946-40 SN 4PF005227 REMOVED ALL ASSOCIATED WIRING AND HOSES. REMOVED LOWER CIRCUIT BREAKER PANEL AND ALL CIRCUIT BREAKERS. REMOVED ALL SWITCHES EXCEPT MASTER FROM LOWER SUBPANEL. BEGAN DESIGN AND FABRICATION OF NEW PILOT SIDE PANEL OVERLAY RE-WIRED AND EXTENDED ALL WIRING NEEDED FOR PANEL MODIFICATION. HAD NEW PANEL OVERLAY MANUFACTURED BY ENVISION AVIONICS PANELS INSTALLED NEW PANEL OVERLAY FOR NEW AVIONICS. INSTALLED NEW KLIXON 7277-2 SERIES CIRCUIT BREAKERS FOR SYSTEMS. RELOCATED ALL SWITCHES TO MAIN PANEL WITH CIRCUIT BREAKERS. FABRICATED NEW HARNESS AND INSTALLED NEW ASPEN EVOLUTION 2000 SYSTEM CONSISTING OF EFD 1000 MAX PFD PN 910-00001-021B SN 31733, EFD 1000 MAX MFD PN 910-00001-021B SN 31733, PFD RSM PN 910-00003-011 SN 207204, RSM FOR MFD PN 910-00003-011 SN 206902. INSTALLATION DONE IAW ASPEN STC# SA 10822S USING ASPEN INSTALLATION MANUAL DOC# 900-00003-001 REV CM. AFMS DOC# 900-00008-001 REV AP AND ICA'S DOC# 900-00012-001 REV AE CREATED AND GIVEN TO CUSTOMER. INSTALLED NEW GARMIN GTX 345 ADSB TRANSPONDER PN 011-03302-02 SN 7KV001561 AND ENCODER GAE-12 PN 011-03080-01 SN 3TG028436. INSTALLATION DONE IAW GARMIN STC# SA01714WI USING GARMIN PART 23 AML STC INSTALL MANUAL PN 190-00734-10 REV 16. AFMS PN 190-00734-15 REV 5 AND ICA'S PN 190-00734-11 REV 8 CREATED AND GIVEN TO OWNER/ CUSTOMER THIS DATE. INSTALLED SERVICEABLE GNS 530AW PN 011-01067-00 SN 24120007. USED EXISTING GA-35 GPS ANTENNA.

(OVER)

DAT	
19__	INSTALLATION DONE IAW GARMIN STC#SA01933LA-D USING GARMIN PART 23 AML STC INSTALL MANUAL PN 190-00357-02 REV N. AFMS PN 190-00357-03 REV F AND ICA'S PN 190-00357-65 REV D CREATED AND GIVEN TO OWNER/CUSTOMER THIS DATE. INSTALLED TRIO SINGLE AXIS ATOPILOT CONSISTING OF TRIO ROLL SERVO PN 30010000 SN 1365 AND TRIO CONTROLLER PN 20000000 SN CP0828. INSTALLATION DONE IAW THE STC GROUP TRIO AUTOPILOT STC# SA04230CH USING TRIO PIPER PA-24 INSTALLATION MANUAL PN 1024002. AFMS PN L-1006-01 REV C AND ICA'S PN L-1006-02 REV L CREATED AND GIVEN TO OWNER/CUSTOMER THIS DATE. FORM 337'S COMPLETED FOR ASPEN INSTALLATION, GNS 530AW INSTALLATION, GTX 345 INSTALLATION AND TRIO AUTOPILOT INSTALLATION THIS DATE. REPAIRED CONNECTIONS AT PITOT TUBE FOR PITOT HEAT OPERATION. ALL SYSTEMS INSTALLED GROUND CHECK GOOD. NO CURRENT WEIGHT AND BALANCE AVAILABLE TO AMMEND AIRCRAFT WILL BE RE-WEIGHED BY OUTSIDE FACILITY BEFORE RTS. NO TEST FLIGHT COMPLETED AT THIS TIME. AIRCRAFT WILL TEST FLY AFTER AIRCRAFT BECOMES AIRWORTHY. NO FURTHER ACTION AT THIS TIME.

NAME: David Espinosa DATE: 8-26-24

Signature: _____ CRS Number OECR 893K

ATC TRANSPONDER TESTS REQUIRED BY FAR 91 413 WERE PERFORMED AND COMPLY WITH FAR 43, APP F, ON MODEL GTX 345 S/N 7KV001561 CORRESPONDENCE CHECK REF. 91 217 N 8538P. DETAILS ON THIS INSPECTION ON FILE UNDER THIS REPAIR STATION ON W/O 9454

D. Espinosa 8-26-2024

SIGNATURE DATE

FAA CRS OECR 893K

Ac Tach 1364.90

I CERTIFY THAT THE ALTIMETER & STATIC SYSTEM TESTS REQUIRED BY F.A.R. PART 91.411 HAVE BEEN PERFORMED THE ALTIMETER WAS TESTED TO 20,000 FEET ON DATE 8-26-2024

SIGNATURE D. Espinosa

FAA CRS OECR 893K

Ac Tach 1364.90

DATE 19_____	RECO TACH TIME				nd Alterations cate Number of specific entries.)
		September 5, 2024 Tach: 1365.7 N8538P Piper PA-24-400 S/N 26-119			*Bode Aviation, Inc.* *Albuquerque, NM*
		Drained full to unusable and weighed aircraft to create weight and balance. This aircraft is approved for return to service with respect to the above work performed. Stuart Miles A&P 585393595 _____ WO: 10215			

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9/16/2024 N 8538P tach. reads 1364.90 AFTT. 5834.90

DA

19

Completed Annual inspection this date using Piper inspection form as guide. All flight control cables and pulleys cleaned / inspected and lubed as necessary, all aircraft light checked C/W AD 83-10-01 on fuel selector bowl / fuel strainer, cleaned inspected and installed new fuel bowl O'rings and seals, reinstalled and leaked checked and no discrepancies noted. Removed fuel boost pump and sent for overhaul / reinstalled with new fuel inlet and outlet hoses and pressure leak checks completed and no defects noted. CW AD's 77-13-21 on landing gear bungee cords and no defects noted, 94-13-10 on torque tube bearings and no defects noted, 68-0501 on exhaust muffler inspection and no defects noted, 2003-14-03 on rotary pump screw torque check and no discrepancies noted, 2015-19-07 on fuel injector fuel lines and clamps and no discrepancies noted. Aircraft placed on jacks and gear retraction and emergency extension checks completed. Cleaned inspected and lubed wheel bearings on nose and main gear, installed new inner tube on r/h main gear and aired to specs, lubed all grease points on nose and main gear, removed aircraft from jacks. Cleaned / inspected and lubed flap tracks and rollers. C/W ELT check I/A/W FAR 91.207 (d) and ops checked good. (Batt. Due date 7/2026)

I certify that this Aircraft has been inspected in Accordance with an Annual inspection and was found to be in Airworthy condition.

Tony CdeBaca A&P 585148029 IA

DATE 20 —	A.D. NUMBER	TOTAL TIME IN SERVICE	**Airworthiness Directives** Chronological Listing of Compliance and Method of Compliance
2-2002	81-19-04	5520.9	C/W A.D. 81-19-04 BY REPLACEMENT OF FUEL/OIL
/	/	/	HOSES. NEXT REPLACEMENT DUE: 2-2007.
			CRS QRQR 810 L

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wo: wo_468

[redacted]

Circle C Aviation Services LLC. · 3500 CR 416A Rusk County Airport Hangar 1 · Henderson, Texas 75654 · 9039871878

N8538P
TACH: 1373.4

November 06, 2025

Diagnosed No start issue. Decowled aircraft. Removed 122NL SkyTec Starter bench checked starter and found spin motor fried. Installed New 122NL S/N: H-Y120709 SkyTec Starter. Found starter cable laying on exhaust. Protected starter cable w/ firesleeve and secured away from exhaust components. Reinstalled cowling. Ops checked Starting system w/ no defects noted. Installed P/N 122-NL - Skytec Starter.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Circle C Aviation Services LLC. under work order: wo_468.

Adam Clark A&P/IA 3791730 [redacted]

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