

**DFW INSTRUMENT CORP.**16445 Addison Road,
2nd Floor, Hangar 2
Addison, TX 75001Tel. # 214-217-7600
Fax # 214-217-8307
FAA CRS # DZMR112L
EASA 145.6555**MAINTENANCE RECORD**

COMPANY: EAST TEXAS H.S.I.

A/C REG: N47GW

A/C TOTAL TIME:

A/C MAKE: PIPER

MODEL NO: PA-31T1

A/C S/N: 31T-8104030

A/C TOTAL CYCLE:

WorkPerformed

THE TESTS AND INSPECTIONS REQUIRED BY 14 CFR 91.411 HAVE BEEN PERFORMED AND THE EQUIPMENT LISTED BELOW HAS BEEN FOUND TO MEET THE REQUIREMENTS OF 14 CFR 43, APP E. THE FOLLOWING EQUIPMENT HAS BEEN TESTED AND CERTIFIED TO 35,000 FT.

PILOT ALT

P/N 28702-906

S/N 1081

COPILOT ALT

P/N 5934PAD-1A.135

S/N R2616

THE TESTS AND INSPECTIONS REQUIRED BY 14 CFR 91.413 HAVE BEEN PERFORMED AND THE EQUIPMENT LISTED BELOW HAS BEEN FOUND TO MEET THE REQUIREMENTS OF 14 CFR 43, APP E, PARA C AND APP F.

TRANSPONDER#1

P/N 010-00188-03

S/N 83706229

TRANSPONDER#2

P/N 066-1062-00

S/N 24446

DATE:

03/27/2015

W/O:

35809

N47GW

April 5, 2016 Tach: * Hobbs: *
nitrogen end--3122 Great Southwest Parkway Grand Prairie, TX 75052 (972)988-8609
Changed nose wheel tube P/N 092-500-0 and tire with michelin 17.5 x 6.25 - 6/10/120 and inflated with

Steve O'Brien A&P

Log Entry

East Texas1874 County Rd. 1143 • Tyler, Texas 75704
Phone (903) 526-4141 • Fax (903) 595-2788

N47GW

31T-8104030

TTAF-5685.7

05/25/16

HM-276.2

COMPLIED WITH AN EVENT ONE AND TWO INSPECTION IN ACCORDANCE WITH THE PIPER CHEYENNE MAINTENANCE MANUAL AND INSPECTION FORMS.

1. REPLACED NOSE GEAR UPPER TRUNION.
2. REPLACED R/H STROBE FLASH TUBE.
3. CLEANED MINOR CORROSION FROM TOP OF L&R SPARS.
4. SERVICED HYD POWER PACK.
5. REPLACED L/H OUTBOARD GEAR DOOR HINGE ARMS AND BRACKETS.
6. REPLACED R/H FWD AILERON ROD END.
7. REPLACED L/H STARTER GENERATOR BRUSHES AND RAN IN.
8. BLENDED PROP BLADES AS NEEDED.
9. REPLACED STARTER GARLOCK SEALS.
10. REPLACED L&R BRAKE HOSES AND BLED BRAKES.
11. INSTALLED CHAFE TAPE ON L&R FLAPS.
12. REPLACED L/H OUTBOARD STATIC WICK AND BASE.
13. REPLACED BOTH IGNITORSON L/H ENG.
14. RE-TORQUED R/H OUTBOARD EXHAUST STACK.
15. REPLACED LOOSE RIVETS ON L&R GEAR DOORS.

16. REPLACED BROKEN L/H NAV LENS.
17. REPLACED BROKEN RIVETS ON R/H FLAP FAIRING.
18. REPLACED R/H TAIL FLOOD LIGHT BULB.
19. RE-BUSHED AND REPLACED BOLTS FOR NOSE GEAR SCISSOR LINKS.
20. REPLACED L/H REC LIGHT BULB.
21. REPLACED NOSE GEAR DOOR BEARINGS AND BOLTS.
22. REPLACED LEAKING FUEL PROBE @ L/H INBD WING.
23. REPAIRED SHORTED FUEL QUANTITY PROBE.
24. REPAIRED LOOSE CO-PILOT MIC JACK.
25. RESET AND TESTED HTG C/B.
26. BALANCED NOSE TIRE.
27. TOOK ENGINE OIL SAMPLES
28. ALL AD'S CHECKED TO AD12-10-09.
29. SERVICED ENGINES WITH BP-2380 OIL.

PERFORMED A SATISFACTORY ENGINE GROUND PERFORMANCE RUN AND LEAK CHECK.
THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

JOHN R. POWERS A&P [REDACTED]

[REDACTED SIGNATURE]

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CHEYENNE MAINTENANCE MANUAL AND INSPECTION FORMS.

1. REPLACED NOSE GEAR UPPER TRUNION.
2. REPLACED R/H STROBE FLASH TUBE.
3. CLEANED MINOR CORROSION FROM TOP OF L&R SPARS.
4. SERVICED HYD POWER PACK.
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6. REPLACED R/H FWD AILERON ROD END.
7. REPLACED L/H STARTER GENERATOR BRUSHES AND RAN IN.
8. BLENDED PROP BLADES AS NEEDED.
9. REPLACED STARTER GARLOCK SEALS.
10. REPLACED L&R BRAKE HOSES AND BLED BRAKES.
11. INSTALLED CHAFE TAPE ON L&R FLAPS.
12. REPLACED L/H OUTBOARD STATIC WICK AND BASE.
13. REPLACED BOTH IGNITORSON L/H ENG.
14. RE-TORQUED R/H OUTBOARD EXHAUST STACK.
15. REPLACED LOOSE RIVETS ON L&R GEAR DOORS.

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16. REPLACED BROKEN L/H NAV LENS.
17. REPLACED BROKEN RIVETS ON R/H FLAP FAIRING.
18. REPLACED R/H TAIL FLOOD LIGHT BULB.
19. RE-BUSHED AND REPLACED BOLTS FOR NOSE GEAR SCISSOR LINKS.
20. REPLACED I/H REC LIGHT BULB.
21. REPLACED NOSE GEAR DOOR BEARINGS AND BOLTS.
22. REPLACED LEAKING FUEL PROBE @ L/H INBD WING.
23. REPAIRED SHORTED FUEL QUANTITY PROBE.
24. REPAIRED LOOSE CO-PILOT MIC JACK.
25. RESET AND TESTED HTG C/B.
26. BALANCED NOSE TIRE.
27. TOOK ENGINE OIL SAMPLES
28. ALL AD'S CHECKED TO AD12-10-09.
29. SERVICED ENGINES WITH BP-2380 OIL.

PERFORMED A SATISFACTORY ENGINE GROUND PERFORMANCE RUN AND LEAK CHECK.
THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

JOHN R. POWE A&P [REDACTED]

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COMPLIED WITH AN EVENT ONE AND TWO INSPECTION IN ACCORDANCE WITH THE PIPER
CHEYENNE MAINTENANCE MANUAL AND INSPECTION FORMS.

1. REPLACED NOSE GEAR UPPER TRUNION.
2. REPLACED R/H STROBE FLASH TUBE.
3. CLEANED MINOR CORROSION FROM TOP OF L&R SPARS.
4. SERVICED HYD POWER PACK.
5. REPLACED L/H OUTBOARD GEAR DOOR HINGE ARMS AND BRACKETS.
6. REPLACED R/H FWD AILERON ROD END.
7. REPLACED L/H STARTER GENERATOR BRUSHES AND RAN IN.
8. BLENDED PROP BLADES AS NEEDED.
9. REPLACED STARTER GARLOCK SEALS
10. REPLACED L&R BRAKE HOSES AND BLED BRAKES.
11. INSTALLED CHAFE TAPE ON L&R FLAPS
12. REPLACED L/H OUTBOARD STATIC WICK AND BASE.
13. REPLACED BOTH IGNITORSON L/H ENG.
14. RE-TORQUED R/H OUTBOARD EXHAUST STACK
15. REPLACED LOOSE RIVETS ON L&R GEAR DOORS

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16. REPLACED BROKEN L/H NAV LENS.
17. REPLACED BROKEN RIVETS ON R/H FLAP FAIRING.
18. REPLACED R/H TAIL FLOOD LIGHT BULB.
19. RE-BUSHED AND REPLACED BOLTS FOR NOSE GEAR SCISSOR LINKS.
20. REPLACED L/H REC LIGHT BULB.
21. REPLACED NOSE GEAR DOOR BEARINGS AND BOLTS.
22. REPLACED LEAKING FUEL PROBE @ L/H INBD WING.
23. REPAIRED SHORTED FUEL QUANTITY PROBE.
24. REPAIRED LOOSE CO-PILOT MIC JACK.
25. RESET AND TESTED HTG C/B.
26. BALANCED NOSE TIRE.
27. TOOK ENGINE OIL SAMPLES
28. ALL AD'S CHECKED TO AD12-10-09.
29. SERVICED ENGINES WITH BP-2380 OIL.

PERFORMED A SATISFACTORY ENGINE GROUND PERFORMANCE RUN AND LEAK CHECK.
THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

JOHN R. ROWE A&P [REDACTED]

Log Entry



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N47GW
31T-8104030

TT-5786.4

TC-5786

03/17/17
HM-389.4

COMPLIED WITH AN EVENT 1 INSPECTION IN ACCORDANCE WITH THE PIPER CHEYENNE
MAINTENANCE MANUAL AND INSPECTION FORMS.

1. CHANGED ENGINE OIL ON LEFT AND RIGHT ENGINES.
2. REPLACED FOUR COWL FASTNERS ON R/H ENGINE COWL.
3. REPLACED LEFT AND RIGHT ENGINE TOP ENGINE MOUNTS.
4. REPAIRED CRACKED RIB IN L/H WHEEL WELL.
5. REPAIRED CRACK ON INBOARD BOTTOM SKIN LEFT NACELLE.
6. REMOVED, CLEANED POWDER COATED, LUBED AND RE-INSTALLED RUDDER TORQUE TUBE.
7. REPAIRED CRACKED WAVE GUIDE BRACKET.
8. REPLACED LEFT AND RIGHT OIL COOLER SCREENS.
9. REPLACED CABIN DOOR SEAL.
10. REPLACED CABIN DOOR HINGES AND HINGE PIN.
11. REPLACED L/H FUEL PURGE DRAIN LINE CLAMP.
12. REPLACED ALL CABIN DOOR THRESHOLD SEAL RIVNUTS.
13. REPLACED PHENOLIC CHAFE STRIP ON R/H INBOARD ICE VANE DOOR.
14. REPLACED CABIN FIRE EXTINGUISHER AND PERFORMED COCKPIT BOTTLE WEIGHT CHECK.
15. INSPECTED R/H FUEL PUMP DRIVE COUPLING AND COVER.
16. COMPLIED WITH AD 2017-02-06 WIRING INSPECTION.
17. COMPLIED WITH 100HR SPECIAL INSPECTIONS, NICAD BATTERY N/A, INSPECTED FLAP SYSTEM, INSPECTED AILERON SPROCKET AND CHAIN, INSPECTED EMERGENCY EXIT WINDOW AND DOOR, HEATER IS A C&D HEATER, INSPECTED LANDING GEAR.

✓ REPAIRED CRACK IN LEFT MAIN
✓ TEST AND REBROKE
✓ BALANCED NOSE TIE
✓ TOOK ENGINE OIL SAMPLES
✓ ALL ADS CHECKED TO AD-1149
✓ SERVICED ENGINES WITH BP-1580 OIL

PERFORMED A SATISFACTORY ENGINE GROUND PERFORMANCE RUN AND LEAK CHECK
THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE

JOHN R. BOWE A&P [REDACTED]
[REDACTED]

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TC-5786

03/17/17
HM-389.4

COMPLIED WITH AN EVENT 1 INSPECTION IN ACCORDANCE WITH THE PIPER CHEYENNE
MAINTENANCE MANUAL AND INSPECTION FORMS.

1. CHANGED ENGINE OIL ON LEFT AND RIGHT ENGINES.
2. REPLACED FOUR COWL FASTNERS ON R/H ENGINE COWL.
3. REPLACED LEFT AND RIGHT ENGINE TOP ENGINE MOUNTS.
4. REPAIRED CRACKED RIB IN L/H WHEEL WELL.
5. REPAIRED CRACK ON INBOARD BOTTOM SKIN LEFT NACELLE.
6. REMOVED, CLEANED POWDER COATED, LUBED AND RE-INSTALLED RUDDER TORQUE TUBE.
7. REPAIRED CRACKED WAVE GUIDE BRACKET.
8. REPLACED LEFT AND RIGHT OIL COOLER SCREENS.
9. REPLACED CABIN DOOR SEAL.
10. REPLACED CABIN DOOR HINGES AND HINGE PIN.
11. REPLACED L/H FUEL PURGE DRAIN LINE CLAMP.
12. REPLACED ALL CABIN DOOR THRESHOLD SEAL RIVNUTS.
13. REPLACED PHENOLIC CHAFE STRIP ON R/H INBOARD ICE VANE DOOR.
14. REPLACED CABIN FIRE EXTINGUISHER AND PERFORMED COCKPIT BOTTLE WEIGHT CHECK.
15. INSPECTED R/H FUEL PUMP DRIVE COUPLING AND COVER.
16. COMPLIED WITH AD 2017-02-06 WIRING INSPECTION.
17. COMPLIED WITH 100HR SPECIAL INSPECTIONS, NICAD BATTERY N/A. INSPECTED FLAP SYSTEM, INSPECTED AILERON SPROCKET AND CHAIN, INSPECTED EMERGENCY EXIT WINDOW AND DOOR, HEATER IS A C&D HEATER, INSPECTED LANDING GEAR.

John
DEC 2018

18. COMPLIED WITH 200HR SPECIAL INSPECTIONS, NO BATTERY THERMOSTAT [LEAD ACID BATTERY], REPLACED PRESSURIZATION FILTERS, BULKHEAD INSPECTION N/A KIT PN-764-983 INSTALLED.
19. COMPLIED WITH 300HR SPECIAL INSPECTIONS, INSPECTED STARTER GENERATOR BRUSHES AND CHECKED SPLINE FOR WEAR, INSPECTED A/C DRIVE QUILL SHAFT FOR WEAR AND LUBED, CHECKED ENGINE FUEL NOZZLES, INSPECTED O2 SYSTEM COMPONENTS.
20. COMPLIED WITH 400HR SPECIAL INSPECTIONS, CHANGED ENGINE OIL ON L&R ENGINES, REPLACED L&R ENGINE TOP ENGINE MOUNTS.
21. COMPLIED WITH 500HR SPECIAL INSPECTIONS, HEATER IS A C&D HEATER, INSPECTED ENGINE EXHAUST CASES L&R, INSPECTED AND REPAIRED L&R INLET ICE PROTECTION AND OIL COOLER DOORS / LINKAGES, INSPECTED ENGINE MOUNTS AND RUBBER ENGINE MOUNT BUSHINGS, INSPECTED LANDING GEAR TORQUE LINK ASSY'S AND DRAG BRACE, SIDE LINKS AND HARDWARE FOR WEAR, SAS SYSTEM N/A TO PA31T1, INSPECTED ALL EXTERNAL BEARINGS AND LUBED, CHECKED OPERATION OF INBD FUEL CELL BAFFLES, CHECKED CABIN PRESSURIZATION, CHECKED OVERVOLTAGE RELAY OPERATION, REPLACED FUEL PUMP FILTERS, REPLACED PRESSURIZATION TOBACCO FILTERS, CHECKED FUEL QUANTITY INDICATION CALIBRATION.
22. COMPLIED WITH 800HR SPECIAL INSPECTIONS, CHANGED ENGINE OIL WITH BP-2380.
23. COMPLIED WITH 1000HR SPECIAL INSPECTIONS, OPS CHECKED HYD PUMPS, CHECKED STARTER GENERATORS, OPS CHECKED TACH GENERATORS, CHECKED P&W SB 1002 ROTOR COMPONENT LIFE, NO P3 FILTERS, CLEANED OIL FILTERS, INSPECTED FLAP AND AILERON BOLTS, INBOARD AILERON HINGES PCW @ TT-5518.2, 01/10/14, OPS CHECKED ELECTRIC FUEL PUMPS, INSPECTED FUEL SHUTOFF VALVES, INSPECTED NOSE AND MAIN GEAR UPPER BEARING BLOCK RETAINING PINS.
24. COMPLIED WITH 2000HR SPECIAL INSPECTIONS, REPLACED ELEVATOR SAS DOWN SPRING, INSPECTED WING FUEL CELLS.
25. COMPLIED WITH 50,100,200 & 400HR M.O.R.E. INSPECTIONS, CHECKED CHIP DETECTORS, TOOK OIL SAMPLE, ENGINE CONDITION CHECK, VIBRATION SURVEY & COMPRESSOR WASH.
26. REPLACED RELIEF TUBE VENTURI.
27. REPLACED L/H WINDSHIELD WIPER BLADE.
28. REPLACED L&R ENGINE OIL BREATHER TUBES.
29. REMOVED CORROSION AND PRIMED THRESHOLD BRACKET.
30. RETORQUED R/H MAIN GEAR DRAG BRACE BOLTS & TRUNION BOLTS.
31. REPLACED R/H STROBE, LAMP, LENS & SOCKET.
32. REPLACED R/H AILERON TRIM TAB BUSHING.
33. REPLACED EMERGENCY EXIT HANDLE SPRINGS.
34. COMPLIED WITH AD2009-13-06 LUBRICATED AND INSPECTED NOSE BAGGAGE DOOR.
35. REPLACED R/H MAIN WHEEL BRAKE DISC.
36. REPAIRED R/H LOWER ENGINE COWL.
37. SPRAYED ACF-50 ON WING SPARS AND SURROUNDING PANELS, L&R WINGS.
38. REPAIRED R/H WING DE-ICE BOOT.
39. REPLACED L/H AILERON PUSH PULL TUBE ROD END FWD.
40. REPLACED CABIN DOOR CABLE ROD END AND BOLT.
41. REPLACED L/H ELEVATOR TRIM ROD END.
42. REPLACED TWO ELEVATOR TRIM SERVO PULLIES.
43. RE-FACED CLEVIS, PIVOT ARMS & PRIMED BOLT FOR RUDDER TRIM.
44. REPLACED RUDDER HINGE BEARINGS & BOLT.
45. REPLACED RUDDER BELLCRANK AND BEARINGS.
46. REPAIRED L&R OIL COOLER DOORS.
47. REPLACED ELT BATTERY AND TESTED ELT.
48. REPLACED TWO RUDDER TRIM PULLIES.
49. REPLACED THRESHOLD SEAL.
50. INSTALLED OVERHAULED R/H IGNITION BOX.
51. INSTALLED COWLING DOOR AND LATCH ON R/H INBD COWL.
52. REPLACED L/H OIL COOLER DOOR AFT ROD END.
53. REPLACED BEARINGS AND REINSTALLED AILERONS.
54. COMPLIED WITH EXHAUST DUCT INSPECTION L&R AD2002-23-13.
55. REPLACED ENGINE FUEL FILTERS L&R.
56. COMPLIED WITH AD2003-24-07 INSPECTED, CLEANED AND RE-COATED RUDDER TORQUE TUBE.
57. WINDOWS INSPECTED BY BENNETTS WINDOWS.
58. REMOVED CORROSION AND PRIMED L&R FWD SPAR @ WING ROOT PANEL.
59. PRIMED AND PAINTED SPOTS ON WING SPARS.
60. REPLACED HELICOIL @ QUILL SHAFT HOUSING.
61. REPLACED A/C DRIVE GARLOCK SEAL UNDER QUILL SHAFT HSG.
62. REPLACED SMOKING RIVETS ON L&R FLAPS.
63. REPAIRED BATTERY DRAIN HOSES UNDER NOSE BAGGAGE FLOOR.
64. REPLACED NOSE WHEEL BEARINGS AND RACES WITH NEW.
65. REPLACED RADOME SEAL WITH NEW.
66. REPLACED L/H INBD FUEL PROBE HARDWARE WITH NEW.
67. REPLACED L/H MAIN WHEEL BEARING AND RACE WITH NEW.
68. REPAIRED DME ANTENNA.
69. INSTALLED TWO DOUBLERS TO REPAIR CRACKS ON R/H OIL COOLER DUCT.
70. REPLACED L/H STROBE FLASH TUBE.
71. REPLACED L/H RECOGNITION LIGHT BULB, HOUSING AND LENS.
72. REPAIRED R/H OIL COOLER DOOR ANNUNCIATOR LIGHT.
73. CLEANED FIREWALL FUEL FILTER AND BOWL L&R.

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East Texas

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18. COMPLIED WITH 200HR SPECIAL INSPECTIONS. NO BATTERY THERMOSTAT [LEAD ACID BATTERY]. REPLACED PRESSURIZATION FILTERS. BULKHEAD INSPECTION N/A KIT PN-764-983 INSTALLED.
19. COMPLIED WITH 300HR SPECIAL INSPECTIONS. INSPECTED STARTER GENERATOR BRUSHES AND CHECKED SPLINE FOR WEAR. INSPECTED A/C DRIVE QUILL SHAFT FOR WEAR AND LUBED. CHECKED ENGINE FUEL NOZZLES. INSPECTED O2 SYSTEM COMPONENTS.
20. COMPLIED WITH 400HR SPECIAL INSPECTIONS. CHANGED ENGINE OIL ON L&R ENGINES. REPLACED L&R ENGINE TOP ENGINE MOUNTS.
21. COMPLIED WITH 500HR SPECIAL INSPECTIONS. HEATER IS A C&D HEATER. INSPECTED ENGINE EXHAUST CASES L&R. INSPECTED AND REPAIRED L&R INLET ICE PROTECTION AND OIL COOLER DOORS / LINKAGES. INSPECTED ENGINE MOUNTS AND RUBBER ENGINE MOUNT BUSHINGS. INSPECTED LANDING GEAR TORQUE LINK ASSY'S AND DRAG BRACE. SIDE LINKS AND HARDWARE FOR WEAR. SAS SYSTEM N/A TO PA31T1. INSPECTED ALL EXTERNAL BEARINGS AND LUBED. CHECKED OPERATION OF INBD FUEL CELL BAFFLES. CHECKED CABIN PRESSURIZATION. CHECKED OVERVOLTAGE RELAY OPERATION. REPLACED FUEL PUMP FILTERS. REPLACED PRESSURIZATION TOBACCO FILTERS. CHECKED FUEL QUANTITY INDICATION CALIBRATION.
22. COMPLIED WITH 800HR SPECIAL INSPECTIONS. CHANGED ENGINE OIL WITH BP-2380.
23. COMPLIED WITH 1000HR SPECIAL INSPECTIONS. OPS CHECKED HYD PUMPS. CHECKED STARTER GENERATORS. OPS CHECKED TACH GENERATORS. CHECKED P&W SB 1002 ROTOR COMPONENT LIFE. NO P3 FILTERS. CLEANED OIL FILTERS. INSPECTED FLAP AND AILERON BOLTS. INBOARD AILERON HINGES PCW @ TT-5518.2, 01/10/14. OPS CHECKED ELECTRIC FUEL PUMPS. INSPECTED FUEL SHUTOFF VALVES. INSPECTED NOSE AND MAIN GEAR UPPER BEARING BLOCK RETAINING PINS.
24. COMPLIED WITH 2000HR SPECIAL INSPECTIONS. REPLACED ELEVATOR SAS DOWN SPRING. INSPECTED WING FUEL CELLS.
25. COMPLIED WITH 50, 100, 200 & 400HR M.O.R.E. INSPECTIONS. CHECKED CHIP DETECTORS. TOOK OIL SAMPLE. ENGINE CONDITION CHECK. VIBRATION SURVEY & COMPRESSOR WASH.
26. REPLACED RELIEF TUBE VENTURI.
27. REPLACED L/H WINDSHIELD WIPER BLADE.
28. REPLACED L&R ENGINE OIL BREATHER TUBES.
29. REMOVED CORROSION AND PRIMED THRESHOLD BRACKET.
30. RETORQUED R/H MAIN GEAR DRAG BRACE BOLTS & TRUNION BOLTS.
31. REPLACED R/H STROBE LAMP LENS & SOCKET.
32. REPLACED R/H AILERON TRIM TAB BUSHING.
33. REPLACED EMERGENCY EXIT HANDLE SPRINGS.
34. COMPLIED WITH AD2009-13-06 LUBRICATED AND INSPECTED NOSE BAGGAGE DOOR.
35. REPLACED R/H MAIN WHEEL BRAKE DISC.
36. REPAIRED R/H LOWER ENGINE COWL.
37. SPRAYED ACF-50 ON WING SPARS AND SURROUNDING PANELS. L&R WINGS.
38. REPAIRED R/H WING DE-ICE BOOT.
39. REPLACED L/H AILERON PUSH PULL TUBE ROD END FWD.
40. REPLACED CABIN DOOR CABLE ROD END AND BOLT.
41. REPLACED L/H ELEVATOR TRIM ROD END.
42. REPLACED TWO ELEVATOR TRIM SERVO PULLIES.
43. RE-FACED CLEVIS. PIVOT ARMS & PRIMED BOLT FOR RUDDER TRIM.
44. REPLACED RUDDER HINGE BEARINGS & BOLT.
45. REPLACED RUDDER BELLCRANK AND BEARINGS.
46. REPAIRED L&R OIL COOLER DOORS.
47. REPLACED ELT BATTERY AND TESTED ELT.
48. REPLACED TWO RUDDER TRIM PULLIES.
49. REPLACED THRESHOLD SEAL.
50. INSTALLED OVERHAULED R/H IGNITION BOX.
51. INSTALLED COWLING DOOR AND LATCH ON R/H INBD COWL.
52. REPLACED L/H OIL COOLER DOOR. AFT ROD END.
53. REPLACED BEARINGS AND REINSTALLED AILERONS.
54. COMPLIED WITH EXHAUST DUCT INSPECTION L&R. ADDED CP-13.
55. REPLACED ENGINE FUEL FILTERS L&R.
56. COMPLIED WITH AD-2009-13-06 INSPECTED. CLEANED AND RE-GLAZED FLOODED FUEL TUBES.
57. FLOODED INSPECTED BY BENNETT'S VISIONS.
58. REMOVED CORROSION AND PRIMED L&R WING SPARS & WING ROOT PANEL.
59. PRIMER AND PAINTED SPOTS ON WING SPARS.

Log Entry

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74. REPLACED R/H INBOARD FUEL PROBE GROUND HARDWARE WITH NEW.
75. SENT ENGINE OIL COOLERS OUT FOR CLEAN OUT.
76. SENT ENGINE POWER SECTIONS OUT FOR REPAIR TO RT TURBINES.
77. PERFORMED A VIBRATION SURVEY ON R/H ENGINE.
78. SERVICED ENGINES WITH BP-2380 OIL.
79. AD'S CHECKED TO AD2017-02-06.

PERFORMED A SATISFACTORY ENGINE GROUND PERFORMANCE RUN AND LEAK CHECK. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

JOHN R. POWE A&P [REDACTED]

THE ATC TRANSPONDER WAS TESTED AND INSPECTED IAW FAR 43 APPD.F AND FOUND TO COMPLY WITH FAR 91.413 MODEL 93706229S# [REDACTED] V.O.# 933 [REDACTED]
[REDACTED] INSPECTOR [REDACTED]
HARTSELL AVIONICS, INC. TYLER, TX
CRS H9TR858J TYLER, TX

ALTIMETER S# 1081 HAS BEEN TESTED TO 35 KFT IAW FAR 43 APPD. E ON 3-31-17
THE STATIC SYSTEM HAS BEEN TESTED AND COMPLYS WITH FAR 91.411 ON 4-2-17
[REDACTED] HARTSELL [REDACTED]
[REDACTED] TYLER, TX
INSPECTOR [REDACTED]
CRS H9TR858J TYLER TX

TYLER, TX. 75704
1872 CR 1143
HARTSELL AVIONICS



GREGG AIRCRAFT SERVICES, INC.
EAST TEXAS REGIONAL AIRPORT
155 DOVEL ROAD
LONGVIEW, TX 75603
903-643-0980



N47GW

5-11-17

HR. MTR.: 433.3

Replaced left side and right side fuse holders. Function test good.

Todd Feenstra

A&P [REDACTED]

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETININGS, SERVICE LETTERS
& MINOR ADJUSTMENTS

1

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,

Log Entry

East Texas

1874 County Rd. 1143 • Tyler, Texas 75704
Phone (903) 526-4141 • Fax (903) 595-2788

N47GW
HH3352

R/H PROP

05/25/16
HM-276.2

PERFORMED AN EVENT ONE AND TWO INSPECTION IN ACCORDANCE WITH THE PIPER
CHEYENNE I INSPECTION FORMS. AND THE PIPER CHEYENNE INSPECTION FORMS.
DISCRAPENCIES ARE AS FOLLOWS;

1. INSPECTED PROPS FOR LEAKS.
2. CHECKEDE PROP HEAT.
3. FILED LEADING EDGES AS NEEDED.

PERFORMED A SATISFACTORY ENGINE GROUND PERFORMANCE RUN AND LEAK CHECK.
THIS ENGINE IS APPROVED FOR RETURN TO SERVICE.

JOHN R. POWE A [REDACTED]

[REDACTED]

25/16
1-276.2

HE PIPER
MS.

AK CHECK.

East Texas

N47GW
HH3352

04/06/17
HM-389.4

1. DRESSED PROP BLADES.
2. CHECKED PROP HEAT.
3. LUBED PROP CONTROLS.

JOHN R. POWE A&P

4

[illegible]

NK7GW

DATE	TACH TIME	DESCRIPTION OF WORK
		JORDAN PROPELLER SERVICE, INC. 103 East Rhapsody San Antonio, Texas 78216 Certificated Repair Station No. EK2R797K
		PROPELLER S/N <u>HH3351</u> HAS BEEN <u>OVERHAULED</u>
		I/A/W <u>Hartzell Manuals 133C Rev. 31, 143A Rev. 17 & 159 Rev. 45.</u>
		<u>Shotpeened Blade Airfoils Per Manual 133C Rev. 31. C/W Service Bulletins 61-136R1,</u>
		<u>61-231R1 and Service Letters 30-260R22, 61-177, 61-187R3, 61-189R2, 61-217,</u>
		<u>61-229R2, 61-267, 61-282R1, 61-301 & 154.</u>
		PERTINENT DETAILS ON FILE UNDER WORK ORDER NUMBER <u>17140</u>
		SIGNED <u>[REDACTED]</u> DATE <u>03-26-15</u>
		MECHANIC MAKING INSTALLATION ON A/C MUST C/W FAR 43.9

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS SERVICE LETTERS

Log Entry

East Texas

1874 County Rd. 1143 • Tyler, Texas 75704
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N47GW
HH3351

L/H PROP

05/25/16
HM-276.2

PERFORMED AN EVENT ONE INSPECTION IN ACCORDANCE WITH THE PIPER CHEYENNE I
INSPECTION FORMS. AND THE PIPER CHEYENNE INSPECTION FORMS. DISCRAPENCIES ARE
AS FOLLOWS;

1. INSPECTED PROPS FOR LEAKS.
2. CHECKED PROP HEAT.
3. FILED LEADING EDGES AS NEEDED.

PERFORMED A SATISFACTORY ENGINE GROUND PERFORMANCE RUN AND LEAK CHECK.
THIS ENGINE IS APPROVED FOR RETURN TO SERVICE.

JOHN R. POWE A&P [REDACTED]

[REDACTED]

Log Entry

East Texas

N47GW
HH3351

L/H PROP

04/06/17
HM-389.4

1. DRESSED PROP BLADES.
2. CHECKED PROP HEAT.
3. LUBED PROP CONTROLS.
4. CHECKED PROP BALANCE.

PERFORMED A SATISFACTORY ENGINE GROUND PERFORMANCE RUN AND LEAK CHECK. THIS PROPELLER IS APPROVED FOR RETURN TO SERVICE.

JOHN R. POWE A&P

[illegible]

LH ENGINE #1
N47GW

Log Entry

East Texas

1874 County Rd. 1143 • Tyler, Texas 75704
Phone (903) 526-4141 • Fax (903) 595-2788

N47GW
PCE-10324

L/H ENG

05/25/16
HM-276.2

COMPLIED WITH AN EVENT ONE AND TWO INSPECTION IN ACCORDANCE WITH THE PIPER
CHEYENNE MAINTENANCE MANUAL AND INSPECTION FORMS. DISCREPANCIES ARE AS
FOLLOWS.

1. INSTALLED NEW FUEL FILTER.
2. REPLACED STARTER GEAR LOCK SEAL.
3. REPLACED BOTH IGNITORS.
4. TESTED CHIP DETECTOR.
5. COMPLIED WITH M.O.R.E. PROGRAM 100 HOUR REQUIREMENTS.
6. SERVICED ENGINES WITH BP2380 OIL.

PERFORMED A SATISFACTORY ENGINE GROUND PERFORMANCE RUN AND LEAK CHECK. THIS
ENGINE IS APPROVED FOR RETURN TO SERVICE.

JOHN R. POWE A&P

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			

Engine Type/Model: PT6A-11 Engine Serial Number: PC-E 10324

T.T. 5798.9 T.C. 5798 T.S.O. n/a C.S.O. n/a

Hobbs: 389.4

Power section disassembled for inspection due to MIO (metal in oil identified as bronze).

Installed O/H/C rear reduction gearbox housing. Installed O/H T-5 thermocouple, O/H T-5 harness, and O/H T-5 bus bar. Re-assembled power section. Installed O/H CSU s/n 2000539. All work performed I/A/W current FAA regulations and current manufacture's data. Pertinent details are on file at this facility.

Work Order No. 02741

Date 02MAR2017

Signed by [REDACTED]

For: R.T. Turbines Inc.
3397 Hwy. 121 West
Marianna, AR. 72360
CRS # MW9R610J

Top Entry

NA/OW
PCT 10124

COMPIED
PROCHUB

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20

Maintenance

Item Number: PC-E 10324

/a C.S.O. n/a

O (metal in oil identified as bronze).
Installed O/H T-5 thermocouple, O/H T-5
section. Installed O/H CSU s/n 2000539
and current manufacture's data. Pertinent

Date 02MAR2017

Log Entry

East Texas

1874 County Rd. 1143

Phone (903) 526-4141

• Tyler, Texas 75704

• Fax (903) 595-2788

N47GW

PCE-10324

ETT-5786.4

L/H ENG

ETC-5786

03-17-17

HM-5786.4

COMPLIED WITH AN EVENT ONE INSPECTION IN ACCORDANCE WITH THE PIPER CHEYENNE 100HR
PROGRESSIVE INSPECTION AND THE MORE COMPANY STC.

1. REMOVED POWER SECTION FOR REPAIR BY RT TURBINES.
2. REMOVED AND CLEANED ENGINE OIL FILTER.
3. REPLACED FUEL FILTER.
4. PERFORMED VIBRATION SURVEY.
5. TOOK ENGINE OIL SAMPLE.
6. SENT ENGINE OIL COOLER OUT FOR FLUSH.
7. CHANGED ENGINE OIL WITH BP-2380 OIL.
8. INSPECTED ENGINE EXHAUST DUCT AD2002-23-13.
9. INSPECTED ENGINE IGNITION SYSTEM.
10. PERFORMED COMPRESSOR WASH.
11. WASHED ENGINE EXTERNALY.
12. NO P3 FILTERS INSTALLED.
13. REPLACED TOP ENGINE MOUNTS.
14. PERFORMED FUEL PUMP DRIVE COUPLING AND COVER INSPECTION.
15. COMPLIED WITH 500HR ENGINE INSPECTIONS.
16. COMPLIED WITH M.O.R.E. 50,100,200,400HR INSPECTIONS.
17. REPLACED PROP GOVERNOR WITH OVERHAULED UNIT.
18. INSPECTED ENGINE STARTER BRUSHES.
19. INSPECTED STARTER DRIVE GEAR AND SHAFT SPLINES.
20. OPS CHECKED STARTER & GENERATOR.

LH ENGINE # 1

N476W

Log Entry

H.S.H.
East Texas

1874 County Rd. 1143

• Tyler, Texas 75704

Phone (903) 526-4141

• Fax (903) 595-2788

21. OPS CHECKED TACHOMETER GENERATOR.
22. INSPECTED ENGINE COMPRESSOR FOR FOD.

PERFORMED A SATISFACTORY ENGINE GROUND PERFORMANCE RUN AND LEAK CHECK. THIS ENGINE IS APPROVED FOR RETURN TO SERVICE.

JOHN R. POWE

and Remarks

RH ENGINE #2

N47GW

Log Entry

East Texas

1874 County Rd. 1143 • Tyler, Texas 75704
Phone (903) 526-4141 • Fax (903) 595-2788

N47GW
PCI-10319

TTE-5496.3

R/H ENG

TSO-2774.8

05/25/16
IIM-276.2

COMPLIED WITH AN EVENT ONE AND TWO INSPECTION IN ACCORDANCE WITH THE PIPER
CHEYENNE MAINTENANCE MANUAL AND INSPECTION FORMS. DISCREPANCIES ARE AS
FOLLOWS;

1. TOOK OIL SAMPLE.
2. INSTALLED NEW FUEL FILTER.
3. RE-TORQUED OUTBOARD EXHAUST STACK.
4. REPLACED STARTER GARLOCK SEAL.
5. COMPLIED WITH M.O.R.E. PROGRAM 100 HOUR REQUIREMENTS.
6. SERVICED ENGINES WITH BP2380 OIL.

PERFORMED A SATISFACTORY ENGINE GOUND PERFORMANCE RUN AND LEAK CHECK. THIS
ENGINE IS APPROVED FOR RETURN TO SERVICE.

JOHN R. YOWE A&P [REDACTED]
[REDACTED]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			

Engine Type/Model: PT6A-11 Engine Serial Number: PC-E 10319

T.T. 5609.5 T.C. 5609 T.S.O. 2888.0 C.S.O. 2888

Hobbs: 389.4

Power section disassembled for inspection due to MIO (metal in oil identified as bronze).

Installed O/H/C rear reduction gearbox housing. Re-assembled power section. All work performed I/A/W current FAA regulations and current manufacture's data. Pertinent details are on file at this facility.

Work Order No. 02740

Date 02MAR2017

Signed by [REDACTED]

For: R.T. Turbines Inc.
3397 Hwy. 121 West
Marianna, AR. 72360
CRS # MW9R610J

Total To Carry Forward			
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Maintenance

Material Number: PC-E 10319
2888.0 C.S.O. 2888

MIO (metal in oil identified as bronze).
Re-assembled power section. All work
current manufacture's data. Pertinent details are

Date 02MAR2017

Log Entry

H.S.H.
East Texas

1874 County Rd. 1143
Phone (903) 526-4141

• Tyler, Texas 75704
• Fax (903) 595-2788

N47GW
PCE-10319

ETT-5797.0

R/H ENG

ETC-5797

03/17/17
HM-389.4

COMPLIED WITH AN EVENT ONE INSPECTION IN ACCORDANCE WITH THE PIPER 100 IIR PROGRESSIVE
INSPECTION AND THE PIPER CHEYENNE MAINTENANCE MANUAL.

1. REMOVED POWER SECTION AND SENT OUT FOR REPAIR TO RT TURBINES.
2. TOOK ENGINE OIL SAMPLE.
3. TESTED ENGINE BLEED VALVE.
4. TESTED MAGNETIC CHIP DETECTOR.
5. REPLACED IGNITION UNIT WITH OVERHAULED UNIT.
6. ENGINE FUEL NOZZLES WERE OVERHAULED @ HM-189.4.
7. REPLACED ENGINE FUEL OUTLET FILTER.
8. STARTER GENERATOR WAS OVERHAULED @ TT-5243.2.
9. PERFORMED COMPRESSOR WASH.
10. CHANGED ENGINE OIL WITH BP-2380 OIL.
11. INSPECTED IGNITION SYSTEM.
12. SENT ENGINE OIL COOLER OUT FOR FLUSH.
13. INSPECTED ENGINE EXHAUST DUCT AD-2002-23-13.

PERFORMED A SATISFACTORY ENGINE GROUND PERFORMANCE AND LEAK CHECK. THIS ENGINE
IS APPROVED FOR RETURN TO SERVICE.

JOHN R. BOWE AS