

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD																				
	HRS.	MIN.	HRS.	MIN.																					
BROUGHT FORWARD			3370	2	KLARENBACH AVIATION LTD. AMO 286-91 5424 - 11 Street N.E. Calgary, Alberta T2E 7E9 Tel: (403) 274-5800 Klarenbach Work Order No. : 2880 & 2986 Date: Mar. 18, 2004 <table style="width: 100%;"> <tr> <td style="width: 33%;">Aircraft: C-GTOG</td> <td style="width: 33%;">Piper PA34-200T</td> <td style="width: 17%;">S/N: 34-8070121</td> <td style="width: 17%;">TTSN: 3351.4</td> </tr> <tr> <td>Right Engine:</td> <td>Model LTSIO-360-EB3</td> <td>S/N: 306813-H</td> <td>TSOH: 0.00</td> </tr> <tr> <td>Left Engine:</td> <td>Model TSIO-360-EB3B</td> <td>S/N: 901272-H</td> <td>TSOH: 0.00</td> </tr> <tr> <td>Right Prop:</td> <td>Model 3AF34C503</td> <td>S/N: 7910069</td> <td>TSOH: 478.4</td> </tr> <tr> <td>Left Prop:</td> <td>Model 3AF34C502</td> <td>S/N: 799532</td> <td>TSOH: 1424.9</td> </tr> </table> - Left and right engine mounts removed from aircraft, paint removed by glass bead, visually inspected for cracks and corrosion, repaired by Vanquard Aviation Corp. WO# 425. - Installed right engine S/N 306813-H after overhaul by Leavens Aviation Inc WO# 33-0303 complete with all accessories, fuel system, exhaust system, turbo charger, oil cooler, fluid carrying hoses, propeller governor, inter-cooler, (4) new rubber mounts P/NJ-9613-58 and engine baffles. - Installed left engine S/N 901272-H after overhaul by Leavens Aviation Inc WO# 33-0302 complete with all accessories, fuel system, exhaust system, turbo charger, oil cooler, hoses, propeller governor inter-cooler, (4) new rubber mounts P/NJ-9613-58 and engine baffles. Independent Inspection carried out on left and right engine propeller, throttle and mixture controls. 1. <i>KLarenbach 084587</i> 4. Repaired L/H engine firewall crack with patch. <i>M340597</i> 5. Both engines filled with 6 litres of Phillips 20W50 Type M.	Aircraft: C-GTOG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3351.4	Right Engine:	Model LTSIO-360-EB3	S/N: 306813-H	TSOH: 0.00	Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 0.00	Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 478.4	Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1424.9
Aircraft: C-GTOG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3351.4																						
Right Engine:	Model LTSIO-360-EB3	S/N: 306813-H	TSOH: 0.00																						
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 0.00																						
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 478.4																						
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1424.9																						
					KLARENBACH AVIATION LTD. AMO 286-91 5424 - 11 Street N.E. Calgary, Alberta T2E 7E9 Tel: (403) 274-5800 Klarenbach Work Order No. : 2960 Date: APR 14, 2004 <table style="width: 100%;"> <tr> <td style="width: 33%;">Aircraft: C-GTOG</td> <td style="width: 33%;">Piper PA34-200T</td> <td style="width: 17%;">S/N: 34-8070121</td> <td style="width: 17%;">TTSN: 3381.9</td> </tr> <tr> <td>Right Engine:</td> <td>Model LTSIO-360-EB3</td> <td>S/N: 306813-H</td> <td>TSOH: 11.7</td> </tr> <tr> <td>Left Engine:</td> <td>Model TSIO-360-EB3B</td> <td>S/N: 901272-H</td> <td>TSOH: 11.7</td> </tr> <tr> <td>Right Prop:</td> <td>Model 3AF34C503</td> <td>S/N: 7910069</td> <td>TSOH: 508.9</td> </tr> <tr> <td>Left Prop:</td> <td>Model 3AF34C502</td> <td>S/N: 799532</td> <td>TSOH: 1455.4</td> </tr> </table> - Repaired air leak found on R/H engine manifold pressure line. - Cleaned and tightend connection on R/H CHT sender. - Moved stabilator trim indicator wire back one groove in trim wheel. - Checked idle and full power metered fuel pressures on L/H engine and found O.K. - Serviced Tires to proper pressure. -----END----- <u>Maintenance Release</u> The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature of AME: <i>[Signature]</i> AME License No. <i>M340597</i>	Aircraft: C-GTOG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3381.9	Right Engine:	Model LTSIO-360-EB3	S/N: 306813-H	TSOH: 11.7	Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 11.7	Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 508.9	Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1455.4
Aircraft: C-GTOG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3381.9																						
Right Engine:	Model LTSIO-360-EB3	S/N: 306813-H	TSOH: 11.7																						
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 11.7																						
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 508.9																						
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1455.4																						

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

INSPECTION, REPAIRS & REPLACEMENT
GONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE _____

right engine nose cowls repaired IAW PA34-200 Service Manual Section 4-64 and repainted aircraft.

(2) new propeller de-ice brushes on right engine P/N 3E1443-7.

(2) new propeller de-ice brushes on right
R/H engine oil quick drain P/N 492-283.

new exhaust tie rod P/N 654306 on R/H engine.

R/H engine turbo heat de-flector mounting bracket.

R/H stab de-ice boot.

R/H stab de-ice boot.
new auto-pilot Pitch Servo S/N 1417, P/N IC784-3-895, Roll Servo S/N 1417, P/N IC784-2-
S/N 1417, P/N IC784-3-895 IAW Century Flight Systems STC SA3475SW

new auto-pilot Pitch Servo S/N 1417, P/N 1C784-3-895, Roll Servo S/N 1418, P/N 1C784-3-895, Yaw Servo S/N 1419, P/N 1C784-3-895, and Trim Servo S/N 665, P/N 1C791-3-895 LAW Century Flight Systems STC SA3475SW

Drawing List No. 87A1193 dated 5-10-88 Rev B dated 5-15-95.

Drawing List No. 87A1193 dated 5-10-88 Rev B dated 5-15-93.
and elevator cable tension adjusted, and elevator travel adjusted IAW Service Manual.
and elevator operation carried out on roll/pitch and trim brida cable installation.

and elevator cable tension adjusted, and elevator travel adjusted. 100% independent inspection carried out on roll, pitch and trim bridle cable installation.

1. *W. Lorenz* 089587

8 new brake linings P/N 066-6200.

run aircraft, adjusted RPM and fuel pressures, no oil leaks found, engine operation checks

-END

Release

Release
 The maintenance described above has been performed in accordance with the applicable standards of the FAA as subject to satisfactory test flight. Pertinent details of the repair are on file at this agency.

above noted Work Order No.

AME: M. L. Larex AME License No. 01100

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
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KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No. : 3023

Date: June 21, 2004

Aircraft: C-GTOG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3398.3
Right Engine:	Model LTSIO-360-EB3	S/N: 306813-H	TSOH: 28.1
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 28.1
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 525.3
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1471.8

1. Drained left and right engine oil, refilled with 7 litres of 15W50 Aero-Shell per engine.
2. Removed oil filters, inspected for contaminants, none found, installed (2) new oil filters P/N CH48108.
3. Checked all tires for correct pressure.
4. Adjusted elevator trim cable tension and safetied.

Independent inspection carried out on elevator trim turn buckle.

1. *[Signature]* M340597
2. *[Signature]* 089587
3. Aircraft ground run no leaks found.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: *[Signature]* AME License No. 089587

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No. : 3057

Date: Aug 20, 2004

Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3419.6
Right Engine:	Model LTSIO-360-E3B	S/N: 306813-H	TSOH: 49.4
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 49.4
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 527.8
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1474.3

1. 100 hr/Annual Inspection carried out I.A.W. Piper PA34-200T Service Manual and CAR's Chapter 625 Appendix B and C.
2. Removed ELT new battery installed and re-certification carried out by Canadian Avionics WO# A13392.
3. Fire extinguisher inspected and found OK.
4. Swung compass and installed new deviation card.
5. First Aid kit inspected and found contents complete.
6. Tachometer accuracy checked and found serviceable.
7. R/H idle speed turned up 1/2 turn.
8. Replaced heater combustion pressure switch with serviceable unit S/N IC1-10A.
9. Ground run carried out, no leaks found, operation checked normal.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: *[Signature]* AME License No. M340597

CARRIED FORWARD

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
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BROUGHT FORWARD					

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No. : 3057

Date: Sept. 16, 2004

Aircraft: C-GTOG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3428.8
Right Engine:	Model LTSIO-360-EB3	S/N: 306813-H	TSOH: 58.6
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 58.6
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 555.8
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1502.3

1. Installed new Janitrol Heater Combustion Motor P/N 90E-2-E, S/N S40033-0414, ground tested OK.
2. Installed new right main wheel tire P/N 606C86-6, 600X6 8Ply.
3. Fabricated and installed new hub cap door.
4. AWD 96-20-07 Janitrol heater inspection carried out and checked OK.

-----END-----

Maintenance Release

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Signature of AME:

AME License No. 089587

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No. : 3101

Date: OCT 27, 2004

Aircraft: C-GTOG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3434.3
Right Engine:	Model LTSIO-360-EB3	S/N: 306813-H	TSOH: 64.1
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 64.1
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 561.3
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1507.8

1. Removed right engine scavenge oil pump due to leaking oil.
Repaired by Stauffer Aero Ltd. WO# 04-3688 and re-installed.

-----END-----

Maintenance Release

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Signature of AME:

AME License No. 089587

CARRIED FORWARD

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KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No. : 3093

Date: OCT 28, 2004

Aircraft: C-GTOG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3434.3
Right Engine:	Model LTSIO-360-EB3	S/N: 306813-H	TSOH: 64.1
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 64.1
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 561.3
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1507.8

1. Replaced pilots control column clock P/N LC-2P, S/N 03575 installed by Canadian Avionics.
2. Removed co-pilots clock and installed Five Function Indicator Model 655-2, S/N 8093, installation carried out by Canadian Avionics and Klarenbach Aviation Ltd.
3. Checked wing de-ice for not de-inflating boots, no fault found.
4. Removed attitude gyro S/N T11063D and installed new gyro S/N T11039D, installation carried out by Canadian Avionics.
5. Replaced right tire, P/N 301-028-006 and wheel bearings (2) 13836 #2-629 cups and (2) 13889 #2-629 cones.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: *[Signature]*

AME License No. 089587

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No. : 3182

Date: April 25, 2005

Aircraft: C-GTOG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3436.4
Right Engine:	Model LTSIO-360-E3B	S/N: 306813-H	TSOH: 66.2
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 66.2
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 563.4
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1509.9

1. Removed left and right propeller spinners and installed (2) new spinners P/N 754-629.
2. Replaced broken left propeller de-ice lead P/N 3E2092-5.
3. Checked right wing inboard portions of de-ice boot for possible fuel leak under boot. Peeled back 3" of inboard de-ice boot, cleaned and inspected fuel tank for possible leak, no leak found.
Re-attached affected portions of de-ice boot.
4. Transponders, and encoding altimeters removed for 2 year re-certification and re-installed, pitot static system tested all work carried out by Canadian Avionics under WO# A13963.
5. New Sandel Halogen lamp installed by Canadian Avionics WO# A13963.
6. Attitude Gyro P/N IU367-204-4, S/N 7110063D, repaired by Canadian Avionics WO# A13964 and re-installed.
7. ADF Flight Time Recorder repaired, replaced fuse, swung gear and found to operate normal.
8. AWD 2004-25-16 Kelly Aerospace fuel regulator/SO valve inspected for leaks, no leak found, valve marked with date of inspection IAW Kelly Aerospace Bulletin No. A-107.
9. AWD 2004-21-05 Kelly Aerospace Heater Inspection checked and found previously completed under AWD 96-20-07, due again @ 2006/09/16 or 1328.0 Heater hobbs time.
10. Washed aircraft and cleaned landing gear.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: *[Signature]*

AME License No. 089587

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KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No. : 3220

Date: June 16, 2005

Aircraft: G-GTQG	Piper PA34-200T	TTSN: 3469.9
Right Engine:	Model LTSIO-360-E3B S/N: 306813-H	TSOH: 101.8
Left Engine:	Model TSIO-360-EB3B S/N: 901272-H	TSOH: 101.8
Right Prop:	Model 3AF34C503 S/N: 7910069	TSOH: 599.0
Left Prop:	Model 3AF34C502 S/N: 799532	TSOH: 1545.5

1. Drained oil on L/H and R/H engines , removed oil filters and installed new CH48108-1 filters , engines each serviced with 7L 15W50 Acorshell oil .
2. L/H alternator voltage regulator adjusted
3. Engines ground run and no leaks found , L/H alternator voltage checked o.k .

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME:

AME License No.

M340597

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No. : 3262

Date: Aug 19, 2005

Aircraft: C-GTQG	Piper PA34-200T	TTSN: 3496.3
Right Engine:	Model LTSIO-360-E3B S/N: 306813-H	TSOH: 128.2
Left Engine:	Model TSIO-360-EB3B S/N: 901272-H	TSOH: 128.2
Right Prop:	Model 3AF34C503 S/N: 7910069	TSOH: 625.4
Left Prop:	Model 3AF34C502 S/N: 799532	TSOH: 1571.9

1. Replaced landing gear squat switch with new switch P/N 67411-008 . Landing gear retraction and extension checked serviceable thru 3 cycles.

END

Maintenance Release

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Signature of AME:

AME License No.

M340597

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KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No.: 3268

Date: Sept. 6, 2005

Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3507.3
Right Engine:	Model LTSIO-360-E3B	S/N: 306813-H	TSOH: 139.2
Left Engine:	Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 139.2
Right Prop:	Model 3AF34C503	S/N: 7910069	TSOH: 636.4
Left Prop:	Model 3AF34C502	S/N: 799532	TSOH: 1582.9

1. Trouble shoot landing gear retraction, swung gear and no fault found. Inspected landing gear actuator motor, bench tested pressure switch and inspected electrical wiring and connectors, no fault found. Swung gear 5 times fault free.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: *KLarenbach* AME License No. 089587

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Aviation Ltd. Work Order No.: 3269

Date: Sept. 13, 2005

Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3507.3
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 139.2
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 139.2
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 636.4
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 1582.9

1. Trouble shoot landing gear retraction, swung gear when cold and found fault with nose gear actuator. Removed nose gear actuator, disassembled, cleaned and installed (2) new orings P/N MS28875-113, (1) backup ring P/N MS28782-8, and (1) retainer P/N 755-997 I.A.W. PA34-200T Service Manual. Flushed landing gear hydraulic system with new #41 Aero-Shell fluid. Re-installed nose gear actuator, filled pump reservoir with #41 hydraulic fluid, swung gear 5 times fault free, cycled emergence extension and found to operate normal, cycled gear 3 more times checked OK, no leaks found.
2. Installed new right engine fuel flow transducer P/N 210B(M), ground checked no leaks found.
3. Ground run aircraft, no leaks found, right engine fuel flow checked normal.

END

Maintenance Release

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Signature of AME: *KLarenbach* AME License No. 089587

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KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No. : 3269

Date: Sept. 23, 2005

Aircraft:	C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3517.0
Right Engine:		Model LTSIO-360-E3B	S/N: 306813-H	TSOH: 146.8
Left Engine:		Model TSIO-360-EB3B	S/N: 901272-H	TSOH: 146.8
Right Prop:		Model 3AF34C503	S/N: 7910069	TSOH: 625.2
Left Prop:		Model 3AF34C502	S/N: 799532	TSOH: 1571.7

1. 100 hr/Annual Inspection carried out I.A.W. Piper PA34-200T Service Manual and CAR's Chapter 625 Appendix B and C.
 2. Changed left and right engine oil, refilled with 7liters of 15W50 per side.
 3. Installed new oil filters P/N CH48108-1.
 4. Replaced engine spark plugs with serviceable fine wire plugs (24) P/N RHM38S with new gaskets P/N 6800084.
 5. Small cracks repaired in L/H engine baffles.
 6. Replaced (3)broken baffle hook and springs on R/H engine.
 7. Installed new engine air filters (2) P/N BA8.
 8. Installed new Janitrol heater spark plug P/N 39D18, ground tested heater, checked OK.
 9. Cleaned left and right fuel screens and re-installed with new seals P/N 751-898.
 10. Repaired left and right landing gear actuators, installed new orings P/N MS28775-113, backup rings P/N MS28782-8 and retainers P/N 755-997, re-installed actuators, bleed air from system, swaging gear 5 times fault fee.
 11. Replaced worn R/H landing gear rod end P/N CA452-334A.
 12. Replaced loose L/H engine exhaust path rivets with new Cherry Max rivets.
 13. Adjusted rudder cables tension to 40 lbs and safety.
- Independent inspection carried out on rudder cable turnbuckles.

1. *Alavenast* 064587

AA340597

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Aviation Ltd. Work Order No.: 3294

Date: Oct 25, 2005

Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3520.8
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 150.6
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 150.6
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 629.0
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 1632.0

1. Removed R/H dry air pump and installed O/H unit P/N 442CW S/N 40246, all lines to inline filter blown out with air.
2. Replaced nose gear torque link bushings P/N 453-721 with new bushings.
3. R/h engine ground run air pump found serviceable and no leaks found.

-END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME:

AME License No. M340597

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT
 15. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

14. Installed (2) new pneumatic filters P/N 2J34-6.
15. Replaced nose gear scissor bolts P/N AN175-32.
16. Right gear door dis-bonding, removed and repaired I.A.W. MM 4-64 and re-installed.
17. Removed ELT re-certification carried out by Canadian Avionics WO# A14342.
18. Fire extinguisher inspected and found OK.
19. Swung compass and installed new deviation card.
20. First Aid kit inspected and found contents complete.
21. Tachometer accuracy checked and found serviceable.
22. Dynamically balanced left and right propeller/engines.
23. Piper SB 1146 Vertical Fin Aft Spar reinforcing angle low fastener E/D inspection, found E/D to meet minimum requirement.
24. AD2005-15-10 Heater Fuel Pump, found previously complied with by AD 2003-11-14.
25. AD2004-25-16R1 Heater fuel regulator inspected and no leaks found. Due Again in 1 yr. or 100 hrs.
26. AD2005-13-16 Nose landing gear inspection, all inspected and found OK, Due Again in 50 hrs.
27. Ground run carried out, no leaks found, operation checked normal.

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME:

[Signature]

AME License No. 089587

document does not constitute authority to install the installer works in accordance with the airworthiness authority other than the authority. The installer must ensure that his/her airworthiness maintenance from the airworthiness authority. Paragraphs 14 and 19 do not constitute an installation. The aircraft technical record must contain an installation in accordance with the national regulations of the aircraft may be flown.

INSTALLED ON



Accessories, Inc. warrants that the accessories...
 installation or 4 years from date of manufacture...
 the manufacturer or supplied by it, which...
 detection of Air Accessories, Inc. to be...
 signed or accident, or which has been...
 the air pump. This is the sole and only...
 warranty. No agent, employee or representative...
 warranty concerning the air pump, and...
 employees or representatives, is specifically...
 There are no warranties which extend beyond the...
 Buyer affirms that he/she has not relied upon the...
 without any warranty by Air Accessories, Inc. The...
 warranty of merchantability of goods and services.
 The sole and exclusive remedy for the...
 ment as specified above. This warranty...
 or part to operate properly in safety...
 effective even if, and notwithstanding the...
 purpose of the remedy.

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE																				
	HRS.	MIN.	HRS.	MIN.																					
BROUGHT FORWARD																									
					KLARENBACH AVIATION LTD. AMO 286-91 5424 - 11 Street N.E. Calgary, Alberta T2E 7E9 Tel: (403) 274-5800 Date: Nov. 1, 2005 Klarenbach Aviation Ltd. Work Order No.: 3304 <table style="width: 100%;"> <tr> <td>Aircraft: C-GTQG</td> <td>Piper PA34-200T</td> <td>S/N: 34-8070121</td> <td>TTSN: 3524.4</td> </tr> <tr> <td>Right Engine: TCM</td> <td>Model: LTSIO-360-E3B</td> <td>S/N: 306813-H</td> <td>TSOH: 154.2</td> </tr> <tr> <td>Left Engine: TCM</td> <td>Model: TSIO-360-EB3B</td> <td>S/N: 901272-H</td> <td>TSOH: 154.2</td> </tr> <tr> <td>Right Prop: McCauley</td> <td>Model: 3AF34C503</td> <td>S/N: 7910069</td> <td>TSOH: 632.6</td> </tr> <tr> <td>Left Prop: McCauley</td> <td>Model: 3AF34C502</td> <td>S/N: 799532</td> <td>TSOH: 1635.6</td> </tr> </table> - Trouble shoot right alternator going off line, removed unserviceable right engine alternator P/N ALX9525BP, S/N D12094 and installed newly overhauled alternator P/N ALX9525B, S/N F062174. - Removed leaking right landing gear actuator P/N 96860-000, and installed new replacement actuator P/N 00-558-010. Swung landing gear bleed actuator no leaks found operation checked normal. - Aircraft ground run, parallel right and left alternators, operation checked normal. -----END----- <u>Maintenance Release</u> The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject to satisfactory test flight Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature of AME: <u><i>W. Klarenbach</i></u> AME License No. <u>089587</u>	Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3524.4	Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 154.2	Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 154.2	Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 632.6	Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 1635.6
Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3524.4																						
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 154.2																						
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 154.2																						
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 632.6																						
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 1635.6																						
					KLARENBACH AVIATION LTD. AMO 286-91 5424 - 11 Street N.E. Calgary, Alberta T2E 7E9 Tel: (403) 274-5800 Date: Jan. 13, 2006 Klarenbach Aviation Ltd. Work Order No.: 3339 <table style="width: 100%;"> <tr> <td>Aircraft: C-GTQG</td> <td>Piper PA34-200T</td> <td>S/N: 34-8070121</td> <td>TTSN: 3525.2</td> </tr> <tr> <td>Right Engine: TCM</td> <td>Model: LTSIO-360-E3B</td> <td>S/N: 306813-H</td> <td>TSOH: 154.0</td> </tr> <tr> <td>Left Engine: TCM</td> <td>Model: TSIO-360-EB3B</td> <td>S/N: 901272-H</td> <td>TSOH: 155.0</td> </tr> <tr> <td>Right Prop: McCauley</td> <td>Model: 3AF34C503</td> <td>S/N: 7910069</td> <td>TSOH: 633.4</td> </tr> <tr> <td>Left Prop: McCauley</td> <td>Model: 3AF34C502</td> <td>S/N: 799532</td> <td>TSOH: 1636.4</td> </tr> </table> Removed left propeller Model 3AF34C502 S/N 799532, removed rear bulkhead and delivered to Aero Propeller for overhaul. -----END----- <u>Maintenance Release</u> The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature of AME: <u><i>W. Klarenbach</i></u> AME License No. <u>089587</u>	Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3525.2	Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 154.0	Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 155.0	Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 633.4	Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 1636.4
Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3525.2																						
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 154.0																						
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 155.0																						
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 633.4																						
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 1636.4																						
					KLARENBACH AVIATION LTD. AMO 286-91 5424 - 11 Street N.E. Calgary, Alberta T2E 7E9 Tel: (403) 274-5800 Date: April 12, 2006 Klarenbach Aviation Ltd. Work Order No.: 3339 <table style="width: 100%;"> <tr> <td>Aircraft: C-GTQG</td> <td>Piper PA34-200T</td> <td>S/N: 34-8070121</td> <td>TTSN: 3525.2</td> </tr> <tr> <td>Right Engine: TCM</td> <td>Model: LTSIO-360-E3B</td> <td>S/N: 306813-H</td> <td>TSOH: 154.0</td> </tr> <tr> <td>Left Engine: TCM</td> <td>Model: TSIO-360-EB3B</td> <td>S/N: 901272-H</td> <td>TSOH: 155.0</td> </tr> <tr> <td>Right Prop: McCauley</td> <td>Model: 3AF34C503</td> <td>S/N: 7910069</td> <td>TSOH: 633.4</td> </tr> <tr> <td>Left Prop: McCauley</td> <td>Model: 3AF34C502</td> <td>S/N: 799532</td> <td>TSOH: 1636.4</td> </tr> </table> - Installed left propeller Model 3AF34C502, S/N 799532 I.A.W. Piper PA 34-200T Maintenance Manual, after overhaul by Aero Propeller under WO# 11927. - Ground run aircraft, left propeller operation checked normal. -----END----- <u>Maintenance Release</u> The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature of AME: <u><i>W. Klarenbach</i></u> AME License No. <u>089587</u>	Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3525.2	Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 154.0	Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 155.0	Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 633.4	Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 1636.4
Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3525.2																						
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 154.0																						
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 155.0																						
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 633.4																						
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 1636.4																						

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Aviation Ltd. Work Order No.: 3421

Date: June 21, 2006

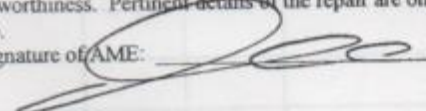
Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3568.0
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 197.8
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 197.8
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 676.2
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 42.8

END

1. Oil drained on engines and engines serviced with 7L each Aeroshell 15W50 oil.
2. Oil filters removed and new CH48108-1 filters installed.
3. Installed chaffe tape on engine side cowls as necessary.
4. Lockwired hydraulic powerpack filler plug.
5. Engines ground run and filters checked for leaks; no leaks found.

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: 

AME License No.

M340597

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Klarenbach Aviation Ltd. Work Order No.: 3441

Date: July 14, 2006

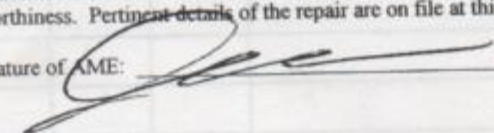
Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3595.4
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 225.2
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 225.2
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 703.6
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 70.2

END

1. Removed L/H gear actuator S/N 5-79, installed repaired actuator S/N 7-79.
2. Serviced hydraulic powerpack with Fluid 41, gear cycled 5 times and free fall checked serviceable.
3. Bolts tightened on L/H engine scavenge pump mount.

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: 

AME License No.

M340597

CARRIED FORWARD

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Date: Aug. 23/06

Klarenbach Work Order No.: 3455

Aircraft: C-GTQG	Piper: PA34-200T	S/N: 34-8070121	TTSN: 3618.8
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 248.6
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 248.6
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 727.0
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 93.6

1. 100 hr/Annual Inspection carried out LA.W. CAR's Chapter 625 Appendix B and C and Piper PA34-200T Service Manual using Piper Inspection Report P/N 230-856 as a guide.
2. Installed new engine air filters (2) P/N BA8.
3. Removed left engine exhaust, elbow P/N 643861-108 repaired by Acorn Welding WO# 19136, elbow assy. P/N 673861-117 repaired by Acorn Welding WO# 19134, and re-installed exhaust with (12) new gaskets P/N 630365.
4. Replaced left engine pneumatic pump P/N 441CC-7, S/N SLT230 OFF, S/N 45600 ON.
5. Cleaned left and right fuel screens and re-installed with new seal P/N 751-898.
6. Repaired nose landing gear actuator, installed new o rings (2) P/N MS28775-113, (1) P/N MS28775-110 and retainers P/N 755-997, re-installed actuator, bleed air from system, swung gear 5 times fault free.
7. Removed left engine propeller governor, repaired by Leavens WO#61-0224 and re-installed with new gasket supplied by Leavens.

Independent inspection carried out on left governor control.

[Signature] 089557
M340597

KLARENBACH AVIATION LTD.
AMO 286-91

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800

Date: Oct 10, 2006

Klarenbach Aviation Ltd. Work Order No.: 3480

Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3626.7
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 256.5
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 256.5
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 734.9
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 78.1

1. Removed L/H starter drive adapter, inspected and no faults found. Reinstalled drive with new gaskets. L/H and R/H starters swapped for troubleshooting. Starter S/N 2051272 found faulty. Installed starter S/N G084854 on R/H engine.
2. Replaced L/H prop de-ice brushes with new P/N RA1543-7 brushes.
3. Found windshield hot plate plug terminals corroded, installed new terminals and hot plate checked serviceable.
4. Repaired pilot side window with acrylic plastic patches IAW AC 43.13-1B Chapt. 3-24.
5. Installed new landing gear downlock springs P/N's 587-261 and 487-495. Gear swing and free fall checks completed, no faults found.
6. Engines ground run leak checked and prop de-ice checked serviceable.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: *[Signature]*

AME License No. M340597

CARRIED FORWARD

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE																				
	HRS.	MIN.	HRS.	MIN.																					
BROUGHT FORWARD																									
					KLARENBACH AVIATION LTD. AMO 286-91 5424 - 11 Street N.E. Calgary, Alberta T2E 7E9 Tel: (403) 274-5800 Date: Oct 19, 2006 Klarenbach Aviation Ltd. Work Order No.: 3480 <table style="width: 100%;"> <tr> <td>Aircraft: C-GTQG</td> <td>Piper PA34-200T</td> <td>S/N: 34-8070121</td> <td>TTSN: 3631.2</td> </tr> <tr> <td>Right Engine: TCM</td> <td>Model: LTSIO-360-E3B</td> <td>S/N: 306813-H</td> <td>TSOH: 261.0</td> </tr> <tr> <td>Left Engine: TCM</td> <td>Model: TSIO-360-EB3B</td> <td>S/N: 901272-H</td> <td>TSOH: 261.0</td> </tr> <tr> <td>Right Prop: McCauley</td> <td>Model: 3AF34C503</td> <td>S/N: 7910069</td> <td>TSOH: 739.4</td> </tr> <tr> <td>Left Prop: McCauley</td> <td>Model: 3AF34C502</td> <td>S/N: 799532</td> <td>TSOH: 82.6</td> </tr> </table> - Replaced left landing gear actuator with new part P/N 558-010, S/N 1772 "ON", S/N 7-72 "OFF". - Replaced nose landing gear actuator with new part P/N 558-010, S/N 1766 "ON", S/N 6-79 "OFF". - Installed new nose gear actuator rod end P/N CA452-334A. - Serviced hydraulic power pack with #43 Aero-Shell hydraulic fluid, swung gear 5 times, checked for leaks, none found, gear operates normal. - Resealed right inboard de-ice boot to wing. -----END----- <u>Maintenance Release</u> The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature of AME: <i>[Signature]</i> AME License No. <u>089587</u>	Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3631.2	Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 261.0	Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 261.0	Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 739.4	Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 82.6
Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3631.2																						
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 261.0																						
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 261.0																						
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Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 82.6																						
					KLARENBACH AVIATION LTD. AMO 286-91 5424 - 11 Street N.E. Calgary, Alberta T2E 7E9 Tel: (403) 274-5800 Date: May 30, 2007 Klarenbach Aviation Ltd. Work Order No.: 3610 <table style="width: 100%;"> <tr> <td>Aircraft: C-GTQG</td> <td>Piper PA34-200T</td> <td>S/N: 34-8070121</td> <td>TTSN: 3648.8</td> </tr> <tr> <td>Right Engine: TCM</td> <td>Model: LTSIO-360-E3B</td> <td>S/N: 306813-H</td> <td>TSOH: 278.6</td> </tr> <tr> <td>Left Engine: TCM</td> <td>Model: TSIO-360-EB3B</td> <td>S/N: 901272-H</td> <td>TSOH: 278.6</td> </tr> <tr> <td>Right Prop: McCauley</td> <td>Model: 3AF34C503</td> <td>S/N: 7910069</td> <td>TSOH: 757.0</td> </tr> <tr> <td>Left Prop: McCauley</td> <td>Model: 3AF34C502</td> <td>S/N: 799532</td> <td>TSOH: 100.2</td> </tr> </table> Replaced Hoskins fuel flow batteries, installed 3 new a76 batteries. -----END----- <u>Maintenance Release</u> The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No. Signature of AME: <i>[Signature]</i> AME License No. <u>089587</u>	Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3648.8	Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 278.6	Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 278.6	Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 757.0	Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 100.2
Aircraft: C-GTQG	Piper PA34-200T	S/N: 34-8070121	TTSN: 3648.8																						
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 278.6																						
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Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 100.2																						
					CARRIED FORWARD																				

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					



5424 - 11 Street N.E.
Calgary, Alberta
T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No.: 3610

Date: July 10, 2007

Aircraft: C-GTQG	Piper PA34-200T	S/N: 36-8070121	TTSN: 3657.9
Right Engine: TCM	Model: TSIO-360-E3B	S/N: 306813-H	TSOH: 287.7
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 287.7
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 766.1
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 109.3

1. Drained oil refilled with 7 liters of 15W50 Aero Shell per engine and installed new oil filters P/N CH48108-1 on each engine.
2. Installed new pilots side window P/N 952 SG and sealed with PR1425B1/2 I.A.W. Piper PA34 Maintenance Manual.
3. Aircraft ground run and no leaks found.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: [Signature] AME License No. 089587



5424 - 11 Street N.E.
Calgary, Alberta
T2E 7E9
Tel: (403) 274-5800

Klarenbach Work Order No.: 3679

Date: Aug 24, 07

Aircraft: C-GTQG	Piper: PA34-200T	S/N: 34-8070121	TTSN: 3673.9
Right Engine: TCM	Model: LTSIO-360-E3B	S/N: 306813-H	TSOH: 264.6
Left Engine: TCM	Model: TSIO-360-EB3B	S/N: 901272-H	TSOH: 264.6
Right Prop: McCauley	Model: 3AF34C503	S/N: 7910069	TSOH: 743.0
Left Prop: McCauley	Model: 3AF34C502	S/N: 799532	TSOH: 109.6

1. 100 hr/Annual Inspection carried out I.A.W. CAR's Chapter 625 Appendix B and C and Piper PA34-200T Service Manual using Piper Inspection Report P/N 230-856 as a guide.
2. Cleaned gapped, tested and re-installed spark plugs with new gaskets P/N M674.
3. Installed new engine air filters (2) P/N BA8.
4. Installed new elevator trim tab link P/N 96003-000, washers P/N 494-022 and bushings P/N 452-413.
5. Independent inspection completed on elevator trim control.
6. Removed ELT re-certification carried out by Canadian Avionics WO# A16022 and re-installed.
7. Removed #1 transponder S/N 2639, #2 transponder S/N 32804, pilots encoding altimeter S/N 2608 and co-pilots encoding altimeter S/N 11857 for 2yr re-cert completed by Canadian Avionics WO# A16022. Components reinstalled after re-cert and Pitot/Static system leak check completed by Canadian Avionics WO# A16022.
8. Fire extinguisher inspected and found OK.
9. Swung compass and installed new deviation card.
10. First Aid kit inspected and found contents complete.
11. Tachometer accuracy checked and found serviceable.
12. AD2004-25-16R1 Heater fuel regulator inspected and no leaks found. Due Again in 1 yr. or 100 hrs.
13. AD2005-13-16, Piper SB 1123B, Nose landing gear inspection, all inspected and found OK, Due Again in 50 hrs.
14. Ground run carried out, no leaks found, operation checked normal.

END

Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted Work Order No.

Signature of AME: [Signature] AME License No. 089587

CARRIED FORWARD

AIR TIME AND

[illegible]

Klarenbach

Aviation Ltd.

5424 - 11 Street N.E.
Calgary, Alberta T2E 7E9
Tel: (403) 274-5800
AMO 286-91

Date: September 18, 2007
Work Order # 3699

Aircraft:

C-GTQG

Make:

Piper

S/N: 34-8070121

TTSN:

Model:

PA34-200T

1. Installed Sandel replacement long life lamp I.A.W. Sandel instructions 90122-IM rev B. Operation checked normal
2. Oxygen cylinder removed hydrostatically tested by Canadian Aero Accessories WO# 125354 re-installed and checked for leaks, none found
3. Rib inspection carried out as per Piper SB 1161 instruction 2 B

END

Maintenance Release

Maintenance Release
The maintenance described above has been performed in accordance with the applicable standards of airworthiness. Pertinent details of the repair are on file at this agency under the above noted work order.

Signature of AME: _____

AME license No:

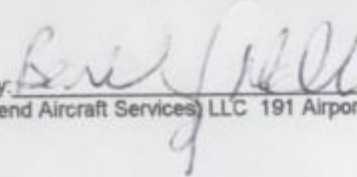
367096

CARRIED FORWARD

AIR TIME AND

Date: 1/10/2009; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3727.20; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 3533.33; Last MOH: 3351.40-3/18/2004, SMOH: 2994.90; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 202.00, Last Prop MOH: 3523.60-4/12/2008, SMOH: 3321.60; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 356.50, Last MOH: 3351.40-3/18/2004, SMOH: 2994.90; Prop 2, Type: 3AF34C502, S/N: 7910069, Time: 834.20, Last Prop MOH: 2848.40-1/14/2000, SMOH: 2014.20

Inspected Aircraft per Piper inspection guide 230 856. Checked all fluid levels and lubricated aircraft in accordance with manufactures recommended 100HR/annual interval. Checked flight control cable tensions and checked for free and correct movement of flight controls no binding or rubbing of cables at this time. Reviewed aircraft records for AD compliance through 1/9/2009 and generated new AD list. Added AD list to permanent aircraft records. Replaced ELT battery. Inspected ELT in accordance with FAR 91.207(d). Removed and replaced ELT battery, next due September 2009. No defects noted at this time. Function test normal. Performed landing gear inspection and retract/free fall test all functions normal. Complied with inspection of Nose landing gear inspection Per Piper Service Bulletin 1123B No defects found at this time. AD2005-13-16 Due each 50 Hrs. Inspected Heater fuel regulator for evidence of leakage no leakage at this time. AD2004-25-16R1 due annually or 100hrs. Inspected Kelly Aerospace (Janitrol) heater for combustion Leakage per manufactures instructions and found no leakage and combustion tube to be airworthy at this time. AD2004-21-05 due each 100 Hrs. or 2 years. Further checked lights. Cleaned entire Aircraft. I certify that this aircraft has been inspected in accordance with an annual inspection and found to be in an airworthy condition at this time. Reference Bi-Weekly 2009-01, January 5th, 2009.

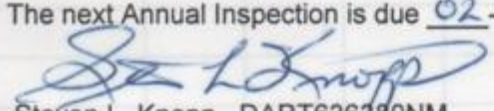
Approved by:  Certificate AP388781702DA
Port Townsend Aircraft Services LLC 191 Airport Rd, Port Townsend, WA 98368

360-385-7770

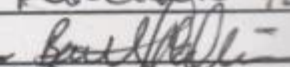
01-10-2009 Piper PA-34-200T N123JW SN: 34-8070121

I find this aircraft meets the requirements for the
Certification requested and have issued a
Standard Airworthiness Certificate dated 01-10-2009.

The next Annual Inspection is due 02-01-2010


Steven L. Knopp DART636380NM

5-11-2009

REMOVED & REPLACED DEICE LEADS
ON RH PROPELLER FUNCTION TEST
GOOD (GROUND OP) 
AP388781708

CARRIED FORWARD

ENGINEERING RECORD

40

INSPECTION, REPAIRS & REPLACEMENT

SIGNATURE

LICENCE
NUMBER

YES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

AERO-TECH AVIONICS, INC.

FAA CRS: JATR518K
6424 SE MULLENIX RD
PORT ORCHARD, WASH. 98367
360-340-1754

ACCOMPLISHED FAR 91.411 AND FAR 91.413 TRANSPONDER
ENCODER, ALTIMETER AND STATIC SYSTEM TEST AND
INSPECTION PER FAR 43 APPENDIX E & F.
ALTIMETER TESTED TO 30,000'

ALTIMETER S/N: 11857 ENCODER S/N: 11857
TRANSPONDER MAKE & MODEL King AT-76A S/N: 33804
WORK ORDER # 29183 DATE: 5/12/09
SIGNED [Signature] FOR

AERO-TECH AVIONICS, INC.

AERO-TECH AVIONICS, INC.

FAA CRS: JATR518K
6424 SE MULLENIX RD
PORT ORCHARD, WASH. 98367
360-340-1754

ACCOMPLISHED FAR 91.411 AND FAR 91.413 TRANSPONDER
ENCODER, ALTIMETER AND STATIC SYSTEM TEST AND
INSPECTION PER FAR 43 APPENDIX E & F.

ALTIMETER TESTED TO 30,000'
ALTIMETER S/N: 2608 ENCODER S/N: 2608
TRANSPONDER MAKE & MODEL King KT-79 S/N: 2639
WORK ORDER # 29183 DATE: 5/12/09
SIGNED [Signature] FOR

AERO-TECH AVIONICS, INC.

5/19/09 REMOVED & REPLACED RH ALTERNATOR WITH
OVERHAULED ALX9525R S/N JO40832.
REPLACED FUSE HOLDER. RESET VOLTAGE
AND PARALLEL V.R. TAND SERVICE MANUAL.

[Signature] AD-388781708

6/16/09 REMOVED AND REPLACED VOLTAGE REGULATORS
AND RESET PARALLEL. FUNCTION CHECKS GOOD.

[Signature] AD-388781708

PA-34-200T

N123JW

TTSN: 3740.5

24JUNE2009

1. L/H and R/H alternators inoperative. Fault traced to rubber drive couplings. New customer-supplied rubber couplings, P/N 635 796, installed on each alternator. L/H and R/H alternators, P/N ALX9525B, swapped during troubleshooting and installed to engines.
2. New Gill G-35 battery installed in aircraft.
3. Regulators and paralleling re-adjusted IAW PA-34-200T Service Manual and electrical system tested serviceable.

The maintenance described hereon has been performed in accordance with the applicable standards of airworthiness.

signed:  M793204 AMO 135-92

IDENT: N123JW -TROUBLESHOOT LANDING GEAR CYCLING

INSP: REPAIRS -REPLACED HYDRAULIC POWER PACK

DATE: 31-Jul-2009 -PART NUMBER 108AMC19SP-AL-1VT

A/F TTSN: -SERIAL NUMBER 1B482ER

LAST INS: -PIFERS AIRMOTIVE WOB 18482

TIME SLI: -POWER PACK FILLED WITH FLUID AND GEAR SWUNG SEVERAL TIMES

ENG. TSO: -WITH NO NOTED DEFECTS

PROP TSO: -POWER PACK SUPPLIED BY OWNER JOHN WELCH

PA34-200T S/N 34-8070121

THE MAINTENANCE DESCRIBED HEREIN HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIRWORTHINESS.

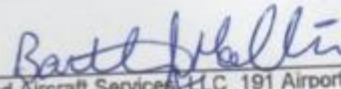
AMD 819-90

LICENCE NO. M295219

PHILIP GELL

31-Jul-2009

Date: 7/04/2009; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3747.50; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 376.80, Last MOH: 3351.40-3/18/2004, SMOH: 2974.60; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 222.30, Last Prop MOH: 523.60-4/12/2006, SMOH: 3301.30; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 376.80, Last MOH: 3351.40-3/18/2004, SMOH: 974.60; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 854.50, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1993.90
Removed both encoding altimeters for bench test certification and reinstalled after certification by AERO-TECH AVIONICS, Inc. Updated log book and copied to journey log.
Removed and replaced regulator with overhauled unit from Zeftronics/Hazotronics. Adjusted right regulator to pick-up load at cruise power setting. Left and right load still split, buss voltage normal. Returned aircraft to hangar.
Removed and replaced left regulator. Voltage spikes after paralleling. Removed and replaced alternator switches and re paralleled alternators.
Removed and replaced alternator with overhauled unit partial load picked up but still not holding 14v. Repaired fuse holder broken during troubleshooting.

Approved by:  Certificate A+P 388781708
Port Townsend Aircraft Services, LLC 191 Airport Rd Port Townsend WA 98368 360-385-7770

Date: 8/31/2009; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3759.70; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 389.00, Last MOH: 3351.40-3/18/2004, SMOH: 2962.40; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 234.50, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3289.10; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 389.00, Last MOH: 3351.40-3/18/2004, SMOH: 2962.40; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 866.70, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1981.70
Located and ordered wrong power pack. Returned wrong power pack and ordered new power pack. Received power pack and returned cores.
Removed and replaced left main tire and tube.
Install Bogert Aviation oil filter access door in bottom of engine cowl.
Installed and installed nut plates in bottom engine cowl to reduce time required and simplify bottom cowl removal and reinstallation. All work done in accordance with elementary shop practices.



Aircraft Tail Number: N123JW

Date:

12/22/2009

Aircraft Serial Number: 348070121 Hobbs: 378116

Removed the following equipment : KI-204 CDI; MD-41 Annunciator/Relay; KMR-675 Marker Beacon; KA-52 Converter ;KMA-24 Audio Panel; KN-53 Nav Rcvr; KX-165 Nav/Comm; KY-197 Comm; KLN-90 GPS

Installed Equipment:	Part Number	Serial #	Technical Data	Installation Authorization
GNS-530W WAAS GPS/NAV/COMM	011-01064-00	23821730	190-00357-02 Rev F; Oct. 2008	STC:SA01933LA
GNS-430W WAAS GPS/NAV/COMM	010-00412-01	23424273	190-00356-02 Rev E; March 2008	STC:SA01933LA
GDL69 XM Weather	010-00326-01	47706859	190-00355-02 Rev J; June 2009	STC:SA01695SE
GMA-347 Audio Panel	010-00275-01	47006599	190-00325-01 Rev C; Nov. 2007	TSO-C50c & TSO-C35d
GA-55 XM Antenna	010-10600-01	87510346	190-00355-02 Rev J; June 2009	STC:SA01695SE
GI-106A Course Deviation Indicator	013-00049-00	F09-10258	8017702 Rev C; Sept. 2003	TSO C34e, C36e, C40c
GA-35 (2) WAAS GPS Antenna	013-00235-00	54155/54157	190-00848-00 Rev. B; March 2008	STC:SA01695SE
AK 1081 GPSS Module	AK1081	13133	2146 Rev. 5; March 2007	STC:SA09666AC
AK-950-R24-14V Nav Source Relay	AK-950-R24-14V	93369	IM-950	TSO: C129a

- (1) Installed GNS530W interfacing unit to the GDL69, Sandel 3308, encoding altimeter on pilots side, Century 2000 autopilot, GMA347 audio panel. Routed nav outputs through the AK-950 relay for dual nav inputs to the Sandel and Century C2000 Autopilot.
- (2) Installed GNS430W interfacing unit to the GDL69, Sandel 3308, encoding altimeter on co-pilots side, Century 2000 autopilot, GMA347 audio panel and crossfill to the 530W. Routed nav outputs through the AK-950 relay for dual nav inputs to the Sandel and Century C2000 Autopilot.
- (3) Installed the GI-106A instrument to interface with the 430W. GI106A acts as repeater to the Sandel 3308 and as standalone in case of failure of the Sandel 3308.
- (4) Installed the AK1081 GPSS interfacing to the 530W and 430W coupled with the Century Autopilot.
- (5) Installed GMA 347 Audio Panel interfaced to GNS 530W and 430W; KR-87 ADF; C2000 Autopilot/Altitude Selector; Music 1 input with music jack and cd player via a toggle switch and Music 2 with music jack in passenger compartment. GMA 347 Audio Panel Installation done as a minor alteration as a like TSO'd and system was removed and GMA 347 installed.

All work performed using approved and /or acceptable method from the manufacturer or AC 43.13-1B/2B. Installation documents Refer Work Order DA-469. Weight and balance updated. Electrical Load Analysis performed and determined to be within electrical system capabilities. Pilot's Handbooks and Approved Flight Manual Supplement added to Aircraft Records.

Signed:

[Signature]
Definitive Avionics LLC Phone: (360) 647-6788
4151 Mitchell Way Fax: (360) 738-7598
Bellingham, WA 98226

CRS # DTBR703Y

Aircraft Tail #: N123JW Hobbs: 378116 Date: 12/30/2009
Sandel EHSI will not hold Heading. Troubleshot system to bad
KG-120A. Remove KG102A P/N 060-0015-00 S/N 48622.
Installed P/n 060-0015-00 S/N 50841 Honeywell WO# A99976.
Performed compass swing system ops check good.

Signed: *[Signature]* CRS # DTBR703Y

Definitive Avionics LLC Phone: (360) 647-6788
4151 Mitchell Way Cell: (360) 305-9396
Bellingham, WA 98226 Fax: (360) 738-7598



Date: 3/29/2010; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3782.50; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 411.80; Last MOH: 3351.40-3/18/2004, SMOH: 2939.60; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 257.30, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3266.30; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 411.80, Last MOH: 3351.40-3/18/2004, SMOH: 2939.60; Prop 2, Type: 3AF34C502, S/N: 7910069, Time: 889.50, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1958.90
 Wet sanded "C" number off of bottom of left wing and polished sanding marks from base color of paint.
 Removed and replace wind screen with new Kasola one piece windshield kit. Replaced nutplates and hardware as required to allow clean installation. Installed sunscreen and compass installation from install instructions to allow installation of Rosen sun screen and vertical card compass on top of glare shield.
 Completed FAA337 form Aircraft to be reweighed before return to service after completion of annual and equipment list revision from avionics install, wind shield change, glare shield install, and seat recovering.
 Removed existing glare shield and fabric cover. Relocated defroster duct attach points. Repaired broken fasteners at leading edge of wind screen.
 Sublet Service Completed: 3/29/2010
 Description: Re-Upholstry Shop
 Performed By: The Upholstry Shop PO #: 1716
 Removed seats and inspected for airworthiness. Routed seats to vendor. Reinstalled seats after recovering by vendor.
 Trimmed fragmented edge and reinforced with phanolic sheet painted to match. Cleaned and reinstalled.

Approved by: Brett J. Abellin Certificate A+P388781708
 Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368 360-385-7770

Date: 4/29/2010; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3782.50; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 411.80; Last MOH: 3351.40-3/18/2004, SMOH: 2939.60; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 257.30, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3266.30; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 411.80, Last MOH: 3351.40-3/18/2004, SMOH: 2939.60; Prop 2, Type: 3AF34C502, S/N: 7910069, Time: 889.50, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1958.90
 Inspected aircraft in accordance with inspection guide Piper P/N 230856. Lubricated aircraft per in accordance with manufactures recommended lubrication service manual. checked fluid levels serviced tires to 55psi on mains and 35psi on nose wheel. Jacked aircraft and performed function test of landing gear annunciator/indication system. retracted landing gear and tested emergency extension. No defects noted in landing gear at this time. Inspected nose landing gear in accordance with Service bulletin 1123B. Compliance with AD2005-13-16 due each 50HRS. Inspected Heater fuel pressure regulator for evidence of leakage. None found at this time. AD2004-25-16R1 due annually. Inspected ELT in accordance with FAR 91.207(d). No defects noted at this time. Function test normal. ELT battery replacement next due June 2011. I certify that this aircraft has been inspected in accordance with an annual inspection and found to be in an airworthy condition at this time.

Approved by: Brett J. Abellin Certificate A+P388781708FA
 Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368 360-385-7770

Date: 5/11/2010; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3784.30; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 413.60, Last MOH: 3351.40-3/18/2004, SMOH: 2937.80; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 259.10, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3264.50; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 413.60, Last MOH: 3351.40-3/18/2004, SMOH: 2937.80; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 891.30, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1957.10
 Removed equipment as required to inspect and reinstalled. Found converter output bad. Removed and replaced converter. Shipped core for credit.
 Removed 28V horizon/gyro for bench test.

Approved by: Brett J. Abellin Certificate A+P388781708
 Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368 360-385-7770

Crown Aviation

General Aviation Specialists

10/27/2011

N 123JW

Tach: 3945

WO# 9937

Performed Transponder Biennial test and inspection required by FAR 91.413 (a) FAR 43 Appx. F for both transponders. Removed #1 transponder KT 79 P/N 066-1053-00 S/N 2639. for repair (memory failure).
 Performed Altimeter and automatic altitude reporting equipment inspections and tests required by FAR 91.411 (a)(1). FAR 43 Appx. E (b)(c) to 25,000 ft for both altimeters. The copilot's altimeter meets the required specifications, but the pilot's altimeter does not. Performed static system check per FAR Part 23.1325 (b)(2)(i) and system meets the required specifications. Aircraft not suitable for IFR flight.
 Removed SN3308 EHSI P/N SN3308-00-BL S/N 2997, changed Projection Lamp using Lamp Replacement Kit P/N 90122-B, and reinstalled unit in aircraft IAW Sanel Documents # 90122-IM-B.doc and # 90106-IM rev J. Systems functionally tested good.
 GNS 430W P/N011-01060-00 S/N 23424273 removed for testing and repair (GPS integrity).

FAA Repair Station IH6R613N

0069, Time: 928.60, Last Prop MOH: 2048.40-1/14/2000, SMOH: 1919.80
 removed nose baggage compartment covers and removed 12-24 volt converter. Dis assembled wire harness in nose baggage and removed all wiring associated
 with converter. Removed circuit breaker for converter from right hand breaker panel. Reinstalled nose baggage compartment covers.
 removed "whiskey" compass and replaced with new verticle card compass PAI-700 Serial number 72968. connected compass light to existing compass light wire
 routed to front of glare shield. Compass mounted on glare shield with approved mounting bracket per manufacture recommendation. weight and balance
 change negligible. Checked compass for deviation and installed correction card. Power on engines running and with avionics on engines running no change to
 indication. Trimmed glare shield at ends to allow better fit. Painted exposed area of instrument panel black.
 routed gyro to instrument shop. Bench test revealed gyro beyond economical repair. Obtained replacement 12V gyro. Installed used serviceable gyro with new
 at plate assembly. Routed new wire and connector to circuit breaker. and corrected pins of connector. Gyro function checks good. Repaired broken fuse
 slider on headset system power wire and rerouted wiring as required to provide secure installation in area of artificial horizon circuit breaker.

Date: 10/07/2010; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3826.00; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 455.30, Last MOH: 3351.40-3/18/2004, SMOH: 2896.10; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 300.80, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3222.80; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 455.30, Last MOH: 3351.40-3/18/2004, SMOH: 2896.10; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 933.00, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1915.40
Removed aft facing seats and floor board of spar carry thru to access ice protection equipment. Removed solenoid assembly and valve and cleaned. Re-installed valve and torqued to placard specification, inspected plumbing, no noted defects. Solenoid had minor greasy dirt and valve was sticky.
Removed engine cowls and cleaned spinners, slip rings and nose bowls. Solvent washed engines. Removed and replaced propeller de-ice brush assemblies.
Removed engine cowls. Disconnected throttle cables and removed seals from cables. Purged cables with nitrogen. Re assembled cables. Function checked normal.

Date: 11/05/2010; Aircraft: N123JW; Type: PA-34-200T; S/N: 8070121; Total Time: 3848.70; Engine 1 Type: TSIO-360-EB, S/N: 901272-H, Time: 478.00, Last MOH: 3351.40-3/18/2004, SMOH: 2873.40; Prop 1 Type: 3AF34C502, S/N: 799532, Time: 323.50, Last Prop MOH: 3523.60-4/12/2006, SMOH: 3200.10; Engine 2, Type: LTSIO-360-EB, S/N: 306813-H, Time: 478.00, Last MOH: 3351.40-3/18/2004, SMOH: 2873.40; Prop 2, Type: 3AF34C503, S/N: 7910069, Time: 955.70, Last Prop MOH: 2848.40-1/14/2000, SMOH: 1892.70
Accessed center fuselage, by removing seats and floor. Removed deice timer and reinstalled after repair by B&S aircraft. Function tests normal with cycle time within normal limits. Reinstalled seats and floor. No replacement timers available from Piper or BFGoodrich until Feb. 2011.
Removed Air Speed Indicator and routed to Century instruments for repair. Reinstalled Airspeed Indicator after repair by Century Instrument Corp. Flight check of airspeed indicator normal.
Sublet Service Completed: 12/06/2010
Description: Attitude Gyro p/n 520267M s/n T11063D
Performed By: Century Instrument Corp PO #: 1845
Sublet Service Completed: 12/06/2010
Description: Airspeed Indicator p/n 8125 s/n 85578
Performed By: Century Instrument Corp PO #: 1845
Reinstalled Artificial Horizon and function tested on ground. Auto pilot still porpoises in flight.

Approved by: Bartley Miller Certificate AIP 385781708
Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368 360-385-7770