

The subject aircraft was involved in an incident / accident on **8/25/2025** rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 9598685664US .

Signed: ***Underwriters Salvage Company***

Date: **11/14/2025**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100
Atlanta, GA 30326

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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N393KW
 DATE: 12/3/2024 HOBBS: 1448.0 AFTT: 10,227.0 INSP AND LUBE ALL
 CABLES, PULLEYS, BELLCRANKS AND RODENDS. FABRICATE AND
 INSTALL NEW R/H LOWER INTERCONNECT CABLE. INSTALL NEW L/H
 AFT RUDDER CABLE PULLEY. CLEAN CONTACTS ON R/H LANDING LIGHT MOTOR ASSEMBLY.
 CHECK INT AND EXT LIGHTS. INSTALL NEW INSTRUMENT PANEL POST LIGHT BULBS AS
 NEEDED. CLEAN CORROSION ON STALL WARNING SWITCH GROUND WIRE. INSP MAIN
 LANDING GEAR. CLEAN AND PACK MAIN WHEEL BEARINGS. INSTALL NEW OR-RINGS IN L/H
 AND R/H BRAKE CALIPERS. BLEED AND SERVICE BRAKES W/5606. CLEAN, INSP AND LUBE
 TAILWHEEL ASSEMBLY. CLEAN AND PACK TAILWHEEL BEARINGS. INSTALL ONE NEW
 TAILWHEEL BEARING AND RACE. INSTALL NEW UPPER TAILWHEEL FORK PIVOT
 BEARING/RACE. INSTALL NEW LOWER SEAL IN TAILWHEEL HOUSING. REPAIR CRACK ON
 TOP SKIN OF R/H FLAP. INSTALL NEW WING WALK ANTI SLIP AS NEEDED. CHARGE AND CAP
 CHECK AIRCRAFT BATTERIES. L/H PASS @ 135.8% AND R/H PASS @ 125.4%. CLEAN/INSP
 FIREWALL FUEL FILTER. SUMP ALL FUEL DRAINS. CLEAN, INSP AND RE-OIL INDUCTION AIR
 FILTER. AD 00-05-23 "MAIN LANDING GEAR FUSELAGE ATTACH BOLTS" P/C/W BY
 INSTALLATION OF NEW PIVOT BOLTS. NEXT BOLT REPLACEMENT DUE 11/2025. AD 09-26-
 11 "WING FRONT LOWER SPAR CAP" P/C/W BY EDDY CURRENT PREFORMED BY
 PARAGON NDT. NEXT EDDY CURRENT DUE TACH: 1410.0 AFTT: 10189.0. WING LOWER
 SPAR CAP SAFE LIFE LIMIT 5400HRS TIS. SPAR REPLACEMENT DUE AFTT: 12338.0 AD'S
 CHECKED THRU BI-WEEKLY LISTING 24-2024. I CERTIFY THAT THIS AIRCRAFT HAS BEEN
 INSPECTED IN ACCORDANCE WITH 100HR/ANNUAL INSPECTION AND WAS DETERMINED TO
 BE IN AIRWORTHY CONDITION.
 JONATHAN COLLETT IA2927653



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N393KW
 DATE: 05/05/2025 TACH: 1450.37. THIS ENTRY MADE TO CORRECT LOGBOOK ENTRY DATED
 12/03/2024 HOBBS: 1448.0. AD 09-26-11 "WING FRONT LOWER SPAR CAP" - P/C/W BY EDDY
 CURRENT PREFORMED BY PARAGON NDT. JOB NO. C030624. NO CRACKS DETECTED.
 NEXT EDDY CURRENT DUE TACH: 1948.0, (EVERY 625.0 HRS. TIS)
 ROBERT D. FENNER A&P3282552

Butterfly Aviation, Inc. Goodland, KS.

YEAR 20 DATE N393KW Butterfly Aviation, Inc. Goodland, KS.
DATE: 11/16/2023 TACH: 1299.0 AFTT: 10078.0 INSP AND LUBE ALL CABLES, PULLEYS, BELLCRANKS AND RODENDS. CHECK INT AND EXT LIGHTS. INSTALL NEW TAILNAV BULB. ADJUST L/H LANDING LIGHT TRAVEL. INSTALL NEW FLAP POSITION LIGHT BULB. INSP MAIN LANDING GEAR. CLEAN AND PACK MAIN WHEEL BEARINGS. INSTALL NEW L/H AIR HAWK 29 X 11.00 10 PLY TIRE. INSTALL NEW R/H O/B WHEEL BEARING AND RACE. INSTALL NEW L/H AND R/H BRAKE DISCS AND LININGS. INSP BRAKE CALIPERS. SERVICE BRAKES W/5606. CLEAN, INSP AND LUBE TAILWHEEL ASSEMBLY. LUBE AND ADJUST TAILWHEEL LOCK CABLE. INSTALL NEW BEARINGS AND RACES IN TAILWHEEL. FOUND L/H AND R/H WING ATTACH ANGLES CRACKED. FOUND LOWER HOPPER SUPPORTS TUBES CRACKED. REMOVE HOPPER. REPAIR LOWER HOPPER SUPPORT TUBES BY WELDING. INSTALL 4 NEW WING ATTACH ANGLES P/N: 20243T005. RESEAL HOPPER LEAKS AS NEEDED. REPLACE LOWER HOPPER WINDOW. REINSTALL HOPPER. INSTALL NEW HOPPER GATE DOOR SEAL. RELOCATE A/C CONDENSER TO UNDER COCKPIT. REROUTE A/C WIRING AND INSTALL/ROUTE NEW A/C HOSES. INSTALL NEW RECEIVER/DRYER. TIGHTEN A/C BELTS. PULL VACCUM. SERVICE A/C WITH 36oz R134A FREON. INSTALL NEW BRAKE AND RUDDER PEDAL HARDWARE. INSTALL NEW L/H GE-50C AIRCRAFT BATTERY AND SERVICE R/H BATTERY. CLEAN/INSP FIREWALL FUEL FILTER. SUMP ALL FUEL DRAINS. INSTALL NEW INNER O-RINGS IN FUEL CAPS. CLEAN, INSP AND RE-OIL INDUCTION AIR FILTER. AD 00-05-23 "MAIN LANDING GEAR FUSELAGE ATTACH BOLTS" C/W BY INSTALLATION OF NEW PIVOT BOLTS. NEXT BOLT REPLACEMENT DUE 11/2025. AD 09-26-11 "WING FRONT LOWER SPAR CAP" P/C/W BY EDDY CURRENT PREFORMED BY PARAGON NDT. NEXT EDDY CURRENT DUE TACH: 1410.0 AFTT: 10189.0. WING LOWER SPAR CAP SAFE LIFE LIMIT 5400HRS TIS. SPAR REPLACEMENT DUE AFTT: 12338.0 AD'S CHECKED THRU BI-WEEKLY LISTING 23-2023. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
JONATHAN COLLETT IA2927653

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N393KW Butterfly Aviation, Inc. Goodland, KS.
DATE: 06/03/2024 TACH: 1323.0. C/W AD 09-26-11 "WING FRONT LOWER SPAR CAP" - C/W BY EDDY CURRENT PREFORMED BY PARAGON NDT. JOB NO. C030624. NO CRACKS DETECTED. NEXT EDDY CURRENT DUE TACH: 1948.0, (EVERY 625.0 HRS. TIS). INSTALLED NEW BOLTS AFTER INSPECTION. INSTALL NEW 29X11-10 10 PLY AIR HAWK TIRE, NEW TUBE AND CLEAN AND PACK WHEEL BEARINGS ON RIGHT HAND MAIN LANDING GEAR. REPLACE WING WALK ON RIGHT HAND WING AS NECESSARY. INSPECT AND LUBE AIR CONDITIONING CONTROL SWITCHES.
ROBERT D. FENNER A&P3282552

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Oberlin Kansas • (308) 345-2886 • Email: jeff@jandsaviation.com

N# N393KW

Tach: 3331.0

Date 6/14/22

Installed and tested Appareo Stratus ESG ADS-B Compliant Transponder s/n 079148 using Stratus ESG Installation Instructions Document No. 600840-000032, Rev 2.0 and FAA Policy Notice No. N8900.362 as a guide. Altitude is grey code from TCI SSD120-30 encoder. This installation is a follow on to STC No. SA04112CH. The installed ADS-B out system was shown to meet the equipment performance requirements of 14 CFR part 91.227 Weight and balance negligible. Inserted Maintenance Manual 600845-00024 rev 2.2 in aircraft records. Completed ground checks. Jeff Williams A&P 3024514

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N393KW

Butterfly Aviation, Inc. Goodland, KS.

DATE: 3/17/2023 TACH: 1138.0 AFTT: 9917.0 INSP AND LUBE ALL CABLES, PULLEYS, BELLCRANKS AND RODENDS. CHECK INT/EXT LIGHTS. INSTALL NEW R/H LANDING LIGHT BULB. INSP MAIN LANDING GEAR. CLEAN AND PACK MAIN WHEEL BEARINGS. INSTALL ALL NEW MAIN LANDING GEAR SHOCK BISCUITS. INSP BRAKE CALIPERS AND DISCS. INSTALL NEW L/H AND R/H BRAKE LININGS. INSTALL 5 NEW BACKING PLATES AND 2 NEW PRESSURE PLATES ON L/H CALIPERS. SERVICE BRAKES W/5606. INSP/LUBE TAILWHEEL ASSEMBLY. INSTALL NEW TAILWHEEL BEARINGS AND RACES. INSTALL NEW BEARING. RACE AND LOWER SEAL IN TAILWHEEL SWIVEL HOUSING. INSTALL NEW FWD TAILSPRING BOLT AND SADDLE BOLTS. SERVICE AIRCRAFT BATTERIES. CLEAN/INSP AND RE-OIL INDUCTION AIR FILTER. CLEAN/INSP FIREWALL FUEL FILTER AND INSTALL NEW QUICKDRAIN. INSTALL NEW HEADER TANK AND L/H FUEL VENT QUICK DRAINS. INSTALL NEW L/H AILERON OUTBOARD BELLCRANK BEARINGS, ROD-ENDS AND HARDWARE. INSTALL NEW BOLT IN L/H ELEV TRIM PIVOT ARM. INSTALL NEW L/H AND R/H REAR SPAR BOLTS. REPAIR CRACKED PANELS AS NECESSARY. INSP HOPPER LID AND HYDRAULIC RESERVOIR/HOSES. INSTALL NEW L/H O/B ELEVATOR END RIB AND FRONT HALF OF 2ND RIB INBOARD. **AD 00-05-23 "MAIN LANDING GEAR FUSELAGE ATTACH BOLTS" C/W BY INSP. BOLT REPLACEMENT DUE 3/2024. AD 09-26-11 "WING FRONT LOWER SPAR CAP" P/C/W BY PARAGON NDT. NEXT EDDY CURRENT DUE AFTT: 10189.0, TACH: 1410.0. WING LOWER SPAR CAP SAFE LIFE LIMIT 5400HRS TIS. SPAR REPLACEMENT DUE AFTT: 12338.0, TACH: 3559.0. AD'S CHECKED THRU BI-WEEKLY LISTING 06-2023.** I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

JONATHAN COLLETT IA2927653

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A hand-drawn graph on lined paper. The x-axis is marked with vertical grid lines, and the y-axis is marked with horizontal grid lines. Two curves are plotted, intersecting at a point in the first quadrant. One curve is concave up, and the other is concave down. The intersection point is approximately at the center of the grid.

S2R-T34, N393KW, S/N T34-267, TT: 9719 HM: 940
Incorporated Aero Innovations, LLC., STC SA0343CH by removal of Propeller HC-B3TN-3D and installing new propeller model HC-B4TN-3C/T10702NS, S/N CDA5957, with propeller bulkhead P/N D-4801-1P and spinner P/N C3436-1P, Dome 2105860, Propeller/bulkhead/spinner complete assembly P/N B4N10350S, propeller 100% Np adjusted to 2080 RPM. Installations, adjustments, and markings/placards completed in accordance with Aero Innovations, LLC., and maintenance manual supplement AIL-HC-S2R-02, Rev C. Initiated OSG component logbook AIL-LR-OSG and installed over speed governor P/N 210507W S/N 12038988 after adjustment IAW Aero Innovations, LLC., OSG specifications AIL-LR-OSG, Rev B. Limitations and additional operating instructions for this installation on this aircraft are found in Aero Innovations, LLC., AFM supplement AIL-HC-S2R-AFM2, Rev B. AFM supplement issued and placed in aircraft current AFM Supplement sections. Weight and Balance and equipment list updated accordingly. Instructions for continued airworthiness found in Aero Innovations, LLC., maintenance manual supplement AIL-HC-S2R-02 Rev. C. And a copy is provided to aircraft operator for inclusion into his current airframe maintenance manual. Propeller manufacturer's maintenance instructions are found in Hartzell Propeller, Inc. Operators manual 139.
Date: 3-3-2020 711 A&P 3672281 Signature: [Signature]

Nick R. Beck

N393KW

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S 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.)
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Butterfly Aviation, Inc., Goodland, KS.

Date: 03/03/2022. MVP: 2400.0. T.T: 9719. Insp. & lube all cables, pulleys, rod ends, bell cranks & hinges. Sump header tank. Cleaned air frame fuel screen. No debris found. Check all lights & elect. components. Installed new tail nav lite. Inspected start/generator. Clean & pack main wheel bearings. Installed one bearing and race on lft wheel. Installed new tires on MLG lft and rht sides. Inspect brake discs & linings. Replaced linings on lft wheel. Service brakes w/5606. Inspected main landing gear. Installed new pivot bolts on both lft and rht sides. Check all cabin & engine controls for travel & lube. Installed new flap motor. Inspected rudder pedal attach bolts. Disassemble, clean & Insp. T/wheel & assy. Installed new swivel bearing and race on top of swivel housing. Replaced both bearing and race on tail wheel. Installed new tailwheel tire and tube. Installed new top plate on tail fork for locking pin. Installed new fwd tail spring bolt. Inspected rudder, elevators, trims and vertical fin. Inspected vertical fin fwd attach bolt and aft attach bolts. Installed new bearing on upper rudder attach. Installed new rod ends on lft and rht elevator trim tabs. Inspected hydraulic reservoir. Removed, cleaned and oil air filter. Serviced and installed 2 new gill GE-50 batteries. (s/n: G03146028, G03146029). Replaced lft side window vent with new. Installed new wing walk as needed. Replaced side stringer attach points as needed. Patched crack on rht curved lwr engine panel. Straightened lft middle boom hanger. Lower spars p/n's: 2020T-015 and-016 installed 12/08/2011. ACFT total time 6938. Spar life limit is 5400hrs TIS. spar replacement due @ 12338 ACFT total time or MVP tach:3559. AD 09-26-11, "WING FRONT LOWER SPAR CAP" was complied with by Paragon NDT. Eddy current inspection due at AFTT: 10259. AD 00-05-23 - MLG Fuselage Attach Bolts C/W by replacement of bolts. Replacement of bolts due 03/2024. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DUANE D. SCHAAL AP34313571A.

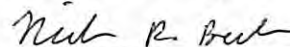
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N393KW Butterfly Aviation, Inc.. Goodland, KS.
 Date: 03/01/2021. MVP:674.0. T.T:9453. Insp. & lube all cables, pulleys, rod ends, bell cranks & hinges. Sump header tank. Cleaned air frame fuel screen. Check all lights & elect. components. Clean & pack main wheel bearings mlg. Inspect brake discs & linings. Replaced disc and linings on lft wheel. Installed new linings on rht wheel. Service brakes w/5606. Inspected main landing gear. Inspected pivot bolts on both lft and rht sides. Check all cabin & engine controls for travel & lube. Installed new bearings on bottom assembly of control stick. Inspected rudder pedal attach bolts. Disassemble, clean & Insp. T/wheel & assy. Installed new swivel bearing and race on top of swivel housing. Replaced both bearing and race on tail wheel. Inspected fwd tail spring bolt. Inspected rudder, elevators, trims and vertical fin. Inspected vertical fin fwd attach bolt and aft attach bolts. Inspected hydraulic reservoir. Removed and cleaned air filter. Serviced batteries. Replaced lft upper aileron balance cable. Replaced lft fwd rudder cable. Replaced lft side window with new and replaced seals as needed. Adjusted door latches. Installed new wing walk as needed. Repaired crack on turtle deck. Replaced Reabe side hoper quantity guage on lft side. Lower spars p/n's: 2020T-015 and-016 installed 12/08/2011. ACFT total time 6938. Spar life limit is 5400hrs TIS. spar replacement due @ 12338 ACFT total time or MVP tach:3559. AD 09-26-11, "WING FRONT LOWER SPAR CAP" was complied with by Paragon NDT. Eddy current inspection due at AFTT:9713 or MVP:934. AD 00-05-23 - MLG Fuselage Attach Bolts C/W by replacement of bolts. Replacement of bolts due 02/2022. I CERTFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
 DUANE D. SCHAAL AP3431357IA 

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DATE:06-02-2021 HOBBS:755.4 O/H SPRAY PUMP. R&R RH BRAKE DISKS, RH BRAKE PADS, AND BOTH LH & RH MAIN GEAR TIRES. OPS CHECK OK. -----END-----



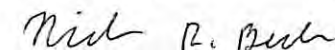
NICHOLAS R. BECKER A&P 3705935

N393KW



T.T: 9564

DATE:06-25-2021 HOBBS:785.2 REMOVED OUTER TWO BOLTS ON LOWER WING SPAR FOR EDDY CURRENT PERFORMED BY PARAGON SERVICES INC. AND REINSTALLED BOLTS. R&R ANR PLUG AND MISSING V.G.'S. OPS CHECK OK. -----END-----



NICHOLAS R. BECKER A&P 3705935

N393KW

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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DATE:07-09-2020 HOBBS:468.8 CHARGED A/C SYSTEM. R&R BOTH
BOTTOM AND BACK SEAT COVERS. OPS CHECK OK. -----END-----

Nicholas R. Becker

NICHOLAS R. BECKER A&P 3705935

N393KW



DATE:07-17-2020 HOBBS:519.3 R&R LH MAIN GEAR TIRE AND TUBE.
ROTATE RH MAIN GEAR TIRE. R&R ALL BRAKE PADS. R&R MISSING VGS. OPS
CHECK OK. -----END-----

Nicholas R. Becker

NICHOLAS R. BECKER A&P 3705935

N393KW

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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DATE:08-25-2020 HOBBS:644.3 R&R RH TIRE AND TUBE. OPS
CHECK OK. -----END-----

Nicholas R. Becker

NICHOLAS R. BECKER A&P 3705935

N393KW



DATE: 1-20-2021 HOBBS: 672.87 INSTALLED HARBOR A/C SYSTEM
AS PER PROVIDED DRAWINGS. SEE 337 THIS DATE. WEIGHT AND BALANCE
CHANGED THIS DATE. OPS CHECK OK. ---END---

Steven R. Rice

STEVEN R RICE A&P 2822642IA

N393KW

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Date: 8/5/2019 Hobbs: 403.84 TTSN: 9182.84 Reg #: N393KW Airframe

Description of Work: Walter Aviation Inc. 14381 Galveston Ct. Perry, IA 50220

Aircraft: Ayres Corporation S2R-T34 SN: T34-267

Left tire and tube was replaced with new (29x11.00-10 tire and 29x11 tube) and right tire was rotated to promote even wear. Wheel bearings cleaned, inspected and repacked with Mobile 28 grease. Brake linings were visually inspected and found to be serviceable. All work was performed in accordance with current 14CFR and Thrush maintenance manual. Aircraft is released back to service for the work performed.

Signature: Elijah Nelles

A&P#: 3655456

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N393KW Butterfly Aviation, Inc., Goodland, KS.
Date: 02/11/2020. MVP:429.0. T.T:9208. Insp. & lube all cables, pulleys, rod ends, bell cranks & hinges. Sump header tank. Cleaned air frame fuel screen. Check all lights & elect. components. Clean & pack main wheel bearings. Installed new race and bearing on rht outside wheel half. Inspect brake discs & linings. Service brakes w/5606. Inspected main landing gear. Installed new pivot bolts on both lft and rht sides. Check all cabin & engine controls for travel & lube. Inspected rudder pedal attach bolts. Disassemble, clean & Insp. T/wheel & assy. Installed new swivel bearing and race. Replaced both bearing and race on tail wheel. Installed new fwd tail spring bolt. Inspected rudder, elevators, trims and vertical fin. Inspected vertical fin fwd attach bolt and aft attach bolts. Inspected hydraulic reservoir. Cleaned air filter and re-installed. Serviced batteries. Replaced rht upper aileron balance cable. Secured rht hopper stringer at hopper panel. Replaced hopper gate seal with new. Replaced swath advance button. Lower spars p/n's: 2020T-015 and-016 installed 12/08/2011, ACFT total time 6938. Spar life limit is 5400hrs TIS. spar replacement due @ 12338 ACFT total time or MVP tach:3559. AD 09-26-11, "WING FRONT LOWER SPAR CAP" was complied with by Paragon NDT. Eddy current inspection due at AFTT:9713 or MVP:934. AD 00-05-23 - MLG Fuselage Attach Bolts C/W by replacement of bolts. Replacement of bolts due 02/2022. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
DUANE D. SCHAAL AP3431357IA

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MAKE: Ayres Corporation MODEL: S2R-T34
REG. NO: N393KW TOTAL TIME: 8779.8

S/N: T34-267

SPECIAL PURPOSE:
SHOW COMPLIANCE and
RESEARCH and DEVELOPMENT

I have inspected this Aircraft and found it complies
with the requirements of CFR 21.191(a)(b). Certificate
of Airworthiness dated 7/20/2016 was issued by
me.

Mark Rhodes

Mark Rhodes

Dated: 7/20/16

844963508

The next Inspection Due: 4/01/17

8-22-16

STC #SA02498E Installed P/OA-1/2 Engine, and a
Avia 1/508-HA63/A Propeller, in accordance
with Installation Instructions CAC-1M-123, Rev 1R
dated 7-12-16 and Master Drawing List CAC-MDL-T4P,
REV A dated 7-14-16 FAA approved REV. Cont Next Page

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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8-23-16 maintained in accordance with Instructions
for Continued Airworthiness CAC-1CA-123
Rev. 1 R dated June 8-2016 FAA accepted
Rev. Operate in accordance with Airplane
Flight Manual Supplement, Rev. 1 R dated
Aug. 18-2016 FAA approved Rev.
100 hr. Inspection new date 7-12-16
Total Time 8780.7 Inspected is accomplished
in accordance with Thrush
Maintenance manual.
Aircraft Found Air worthy
Nolan B. Rogers
A&P 1480568

8-23-16

8780.7

I certify this Aircraft has been inspected
per FAR 43 Appendix D & found to be in an
airworthy condition for return to service IAW
a ~~FAA~~ Inspection. Tach 8780.7 TT 8780.7
date 8-23-16 A&P 2178212 by:

Paul H. Stock IA

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S 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.)
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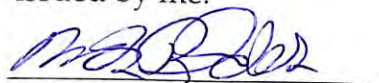
MAKE: Thrush MODEL: S2R-T34
REG. NO: N393KW TOTAL TIME: 8779.1

S/N: T34-267

SPECIAL PURPOSE: SHOW COMPLIANCE &
RESEARCH & DEVELOPMENT

I have inspected this Aircraft and found it complies
with the requirements of CFR 21.191 (a) & (b).

Certificate of Airworthiness dated 5/03/2016 was
issued by me.



Dated: 5-3-16

Mark Rhodes

844963508

The next Inspection Due: 4-01-17

YEAR 20 <u>16</u> DATE	RECORDING TACH TIME	TODAY'S 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.)
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5-9

8779.1

Pitch Stopper system was tested this date
and determined to be in operational
condition.

all aircraft control surfaces were
rigged in accordance with the
S2R-T34 maintenance manual.

Timothy H. Lisker AEP 3467361

YEAR 20 <u>16</u> DATE	RECORDING TACH TIME	TODAY'S 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.)
1-5	8779.1			Removed P4W-PT6A-3499 SN PCB-PH 9192 engine Road & wheels H4P 1480568
4-13-2016	8779.1			100hr Inspection Installed PT6A-42 P4W engine. SN PJ 0703. Time since 3114.7 Installed Avia propeller, model V508A/106B/A SN 150037 Inspected all controls for operation and security. Serviced main gear and tail wheel assembly. Inspected brake assy. Installed new batteries AD 2009-26-11 main spec Inspection (L & B current) due in 304 hrs.
				Next page

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
3-13-16				work accomplished in accordance with Thrush maintenance manual. Aircraft found airworthy. Noran B Rogers H4P 1480568
3-13-16	8779.1		8779.1	I certify this <u>AIRCRAFT</u> has been inspected per FAR 43 Appendix D & found to be in an airworthy condition for return to service IAW a <u>ANNUAL</u> inspection. Tach <u>8779.1</u> ITT <u>8779.1</u> date <u>3-13-16</u> A&P2178212 by: <u>Noran B Rogers</u>
8-23-16			8780.8	100 hr Inspection Inspection accomplished in accordance with Thrush maintenance manual. Aircraft found airworthy. Noran B Rogers H4P 1480568

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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1601 Hwy 84 East
Hayti, MO. 63851
Repair Station No. DFQR172D

MAKE THRUSH AIRCRAFT	MODEL S2R-T34	SERIAL NUMBER T34-267	REGISTRATION N393KW
TOTAL TIME 8458.9	TACH TIME 8458.9	TIME SINCE O/H N/A	

COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH CURRENT THRUSH FACTORY S2R-T34 TURBO THRUSH AIRPLANE MAINTENANCE MANUAL INSPECTION CHECKLIST. REMOVED ALL FUSELAGE PANELS FOR MAINTENANCE AND REPAIRS. COMPLETED INSTALLATION OF HEMISPHERE GPS 6-4 SWATH GUIDANCE SYSTEM P/N 900-1042-000 IAW MANUFACTURERS INSTALLATION MANUAL P/N 875-0307-000 REV A1. COMPLETED INSTALLATION OF FACTORY RINSE TANK SYSTEM. SERVICED AND INSTALLED NEW SET OF AIRCRAFT BATTERIES. REMOVED AIRCRAFT TURTLEDECK, BELLYSKINS AND EMPENNAGE FOR REPAIR OF AIRCRAFT. REINSTALLED AND SEALED TURTLE DECK SKIN. INSTALLED NEW SET OF S.S. BELLY SKINS. REMOVED LWR CENTER SECTION OF HORIZONTAL SKIN, CLEANED MINOR INTERNAL CORROSION ON AFT RIB, ANGLE AND SKIN. REASSEMBLED AND SEALED STRUT FITTINGS. INSTALLED NEW VERTICAL STABILIZER AFT SPAR. REPAIRED RUDDER. INSTALLED NEW LWR BRACKET AND LOWER RIB AND REINSTALLED WITH NEW HARDWARE. INSTALLED NEW AFT ELEVATOR BELLCRANK PIVOT BEARINGS. INSTALLED NEW ELEVATOR CONTROL TUBE BEARINGS. REPAIRED MINOR SKIN CORROSION OF L/H FLAP AND INSTALLED NEW PIVOT BEARINGS. INSTALLED NEW R/H FLAP INBD. SKIN PRIMED/PAINTED. REINSTALLED TAIL SPRING AND TAIL GROUP AFTER PAINT WITH NEW HARDWARE AND PIVOT BEARINGS. INSTALLED NEW TAIL WHEEL BEARING/RACES. INSTALLED NEW TAIL WHEEL LOCK CABLE. INSTALLED NEW MLG ATTACH HARDWARE. REMOVED MLG SHOCK BISCUIT ASSEMBLIES, INSTALLED NEW BISCUITS AND REINSTALLED ASSEMBLIES WITH NEW HARDWARE. REMOVED NEW SET OF MLG AND TAIL WHEEL TUBES/TIRES. INSTALLED NEW BRAKE DISC/PADS R/H AND L/H MLG WHEELS. WELD REPAIRED R/H OF FUSELAGE ATTACHMENT CROSS TUBING. INSTALLED (WELDED) NEW HORIZONTAL FWD ATTACH CHANNEL AND INSTALLED NEW SECTION AC43.13-18. REPAIRED FWD TRUNNION ATTACH FITTINGS AT AFT JACK POINT. REMOVED FUEL HEADER TANK, CLEANED CORROSION, PAINTED AND REINSTALLED. INSTALLED NEW FUEL SYSTEM -12 HOSES FROM HEADER TANK TO SHUT-OFF VALVE AND FUEL PUMP TO AFT FIREWALL FITTING. INSTALLED NEW FUEL TANK COVER GASKETS TO CORRECT LEAKAGE. REPAIRED LEAKING FUEL SENDING UNITS.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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INSTALLED NEW FUEL VENT LINE. INSTALLED NEW R/H AILERON BALANCE CABLE AND PULLEY. INSTALLED NEW L/H FWD RUDDER CABLE PULLEY. INSPECTED ALL FUSELAGE PANELS, STRINGERS AND ATTACHMENTS FOR CONDITION, REPAIRED AND REMOVED CORROSION, PRIMED/PAINTED AS REQUIRED. INSTALLED NEW PANEL FASTENER CAMLOC RECEPTACLES AS NEEDED. INSTALLED NEW FWD GATEBOX ENCLOSURE PANEL. INSTALLED NEW FUSELAGE CENTER PANEL BETWEEN MLG. INSTALLED NEW BEARINGS FWD SPRAY CONTROL ROD. REMOVED COCKPIT SEAT, TIGHTENED SEAT BOTTOM AND REINSTALLED. INSTALLED NEW INSTRUMENT PANEL CRASH PAD. INSTALLED NEW COCKPIT ACCESS PULL HANDLES. SECURED WIRES UNDER COCKPIT. INSTALLED NEW BATTERY MASTER SWITCH IN COCKPIT. INSTALLED NEW HARDWARE IN COCKPIT SIDE WINDOWS. INSTALLED NEW R/H COCKPIT DOOR WINDOW. REPAIRED COCKPIT DOOR FWD LATCH BUSHINGS. INSTALLED NEW CONTROL STICK PROTECTIVE BOOT AND PISTOL GRIP P/N 1356035. INSTALLED NEW DUMP HANDLE PROTECTIVE BOOT IN COCKPIT. TIGHTENED RUDDER PEDALS SWING ARMS. INSTALLED NEW WIPER BLADE. INSTALLED NEW BEARINGS AND SEALS IN SPRAY PUMP. INSTALLED NEW SPRAY VALVE ASSY. INSTALLED NEW ATTACH CLAMPS ON HOPPER VENT TUBE. COMPLIED WITH ALL INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ON ALL ADDITIONAL AIRFRAME INSTALLATIONS, INCLUDING STC# SA01540WT INSTRUCTIONS. REINSTALLED MISSING WING LEADING EDGE VG'S AS NEEDED. REPAIRED L/H LANDING LIGHT OPERATION AND CHECKED ALL NAVIGATION LIGHTING. REPAIRED SMOKE SYSTEM OPERATION. INSTALLED NEW RELAY AND POWER SWITCH. COMPLETED A.D. CHECK FOR APPLICABILITY AND COMPLIANCE: SEE COMPLETED LIST IN LOGS. COMPLIED WITH RECURRING INSPECTION REQUIREMENTS OF AD 2009-26-11 BY EDDY CURRENT INSPECTION BY QUALITY TESTING SERVICES: SEE MAINTENANCE RELEASE TAG DATED 4-3-2015 IN LOGS; DUE AGAIN 625 HOURS TIS. COMPLIED WITH AD 2000-05-23 BY INSTALLATION OF NEW MLG ATTACH HARDWARE. TERMINATING ACTION: ALL WORK ACCOMPLISHED IN ACCORDANCE WITH THRUSH MANUFACTURER MAINTENANCE/PARTS MANUALS, FACTORY PRINT/WIRE DIAGRAMS, STC INSTALLATION DRAWINGS AND AC-43.13/1B2B. FINAL INSPECTION COMPLETED ON ALL WORK ACCOMPLISHED. DETAILS OF WHICH IS FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER LISTED BELOW. AIRCRAFT APPROVED FOR RETURN TO SERVICE.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE
WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY

W.O. 34036

5-22-2015

KEVIN JACKSON

Kevin Jackson

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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1601 Hwy 84 East
Hayti, MO. 63851
Repair Station No. DFQR172D

MAKE THRUSH AIRCRAFT	MODEL S2R-T34	SERIAL NUMBER T34-267	REGISTRATION N393KW
TOTAL TIME 8458.9	TACH TIME 8458.9	TIME SINCE O/H N/A	

REMOVED Ng TACH P/N RCA-41A S/N 98K0212 AND INSTALLED OVERHAULED UNIT, S/N 514A007 AND VERIFIED OPERATION. REMOVED VOLTAGE REGULATOR P/N 1589-1F S/N 56398 AND INSTALLED OVERHAULED UNIT, S/N WE34526 AND VERIFIED CORRECT CHARGING. COMPLETED GROUND RUN OF ENGINE TO VERIFY TACH AND VOLTAGE REGULATOR OPERATION. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH THRUSH MANUFACTURER MAINTENANCE/PARTS MANUALS. FINAL INSPECTION COMPLETED ON ALL WORK ACCOMPLISHED, DETAILS OF WHICH IS FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER LISTED BELOW. AIRCRAFT APPROVED FOR RETURN TO SERVICE FOR WORK ACCOMPLISHED THIS WORK ORDER.

W.O. 33984 10-15-2014 KEVIN JACKSON

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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5/19/15		Installed	G7R225 com @ CI/21 ant
		Unit	functioned normally

"The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for returned service."
Pertinent details of the repair are on file at this repair station under Order

No. 4028 Date 5/20/15

Signed for
(signature of authorized representative)

Dyersburg Avionics, Incorporated
of Caruthersville
(repair station name) SF4R516M
certificate no.

2204 Airport Drive, Caruthersville, MO 63830
(address)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
				WELD REPAIRED CRACKED FUSELAGE GEAR CLUSTERS AS NEEDED. INSTALLED NEW MAIN GEAR ATTACH BOLTS/HARDWARE. INSTALLED NEW TAIL SPRING, SWIVEL HOUSING, TRUNNION ATTACH PLATE, TAIL WHEEL WITH NEW HARDWARE. INSTALLED NEW TAIL WHEEL LOCK CABLE. REMOVED OUTBD. LWR. SPLICE HARDWARE FOR EDDY CURRENT INSPECTION AND REINSTALLED WITH NEW HARDWARE: SEE MAINTENANCE ENTRY DATED 2-6-2013 IN LOGS. INSTALLED NEW FUEL CAP O-RINGS. INSTALLED NEW R/H FLAP ATTACH HARDWARE. INSTALLED NEW R/H AILERON TRIM BEARINGS. INSPECTED ALL FUSELAGE PANELS AND STRINGERS FOR CONDITION AND REPAIRED AS REQUIRED: PATCHED ALL BELLY SKINS WITH FACTORY REPAIR MATERIAL, REPAIRED L/H GEAR WRAP AROUND SKIN, INSTALLED NEW R/H HOPPER PANEL STRINGER AND BELLY SKIN ATTACH BRACKETS AND PROTECTIVE BOOTS. INSTALLED FACTORY REPAIR MATERIAL ON R/H WING L.E. LOCATION. WELD REPAIRED LOWER AFT FUSELAGE LONGERONS BY OUTER SLEEVE METHOD. WELD REPAIRED AND INSTALLED NEW FUSELAGE DIAGONAL TUBING LOCATED AT TAIL SPRING ATTACH PLATE. REPAIRED TAIL JACK POINT PLATE BY INSTALLATION OF NEW .065" STEEL PLATING. INSTALLED NEW FWD VERTICAL ATTACH BOLT/HARDWARE AND REMOVED CORROSION FROM REAR SPAR. INSTALLED NEW HARDWARE LOCATED ELEVATOR TRIM BELLCRANKS. INSTALLED NEW L/H AILERON TRIM TAB HINGE. REMOVED CORROSION AND PRIMED/PAINTED RUDDER AND HORIZONTAL ATTACH LOCATIONS. INSTALLED NEW AFT RUDDER CABLE PULLEYS. INSTALLED NEW BEARINGS/BUSHINGS LOCATED AT SPRAY ROD. INSTALLED NEW HOPPER S.S. BRACE. REPAIRED/REATTACHED FLOW CONTROL SYSTEM SUPPORT BRACKET. COMPLETED LEAK CHECK OF HOPPER AND SPRAY SYSTEM. COMPLETED A.D. CHECK FOR APPLICABILITY AND COMPLIANCE: SEE COMPLETED LIST IN LOGS. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH THRUSH MANUFACTURER MAINTENANCE/PARTS MANUALS, STC INSTALLATION DRAWINGS AND AC-43.13/1B2B. FINAL INSPECTION COMPLETED ON ALL WORK ACCOMPLISHED, DETAILS OF WHICH IS FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER LISTED BELOW. AIRCRAFT APPROVED FOR RETURN TO SERVICE.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE
WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY

W.O. 33392

2-19-2013

KEVIN JACKSON

Kevin Jackson

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
12/05/2013				Hammerhead Total Airframe Time 8047.2hr
				Total Time Lower Spar Cap 1159.2hr P/W AD 2009-26-11 by Eddy
				Current Insp. of the Lower Spar Cap per 53AC39 Rev 1 with no
				cracks det. 10. P. 311 A+P 3325064.

Ellis Air Repair LLC

Airpark 2200 Rd. Wynne, AR 72396 Phone: (870)588-5526

Mfr: Ayres

Model: S2R-T34

S/N: T34-267

Hobbs: 8047.2

A/CTT: 8047.2

N# 393KW

Complied with Annual Inspection Guidelines IAW FAR Part 43 Appendix "D" and Ayres Thrush MM for Continued Airworthiness. R/Reinstalled Start/Gen, IRAN by Ark Aeronautics, S/N:P2320. Degreased A/C. Resealed L/H and R/H Cockpit Windows. R/R Brakes and Serviced Reservoir. Repaired Cracks in Belly Pan. R/R L/H Stringer Clips. Removed Corrosion from Rudder and R/R Lwr Bearing. Painted and Sealed. T/Wheel Spring and Assy' Disassembled, Sandblasted, Treated, Primed and Painted, Reassembled. R/R Trunnion Axle. Pack Main Wheel Bearings. Lubed and Corrosion "X" A/C. R/R Np Tach Generator and Microswitch. C/W AD2009-26-11 by Eddy Current Inspection. Due Again @ 8647.2. AD2007-26-01 By Visual Inspection. Due Every 100Hrs/Annual. No Defects Noted at This Time. I Certify that this Aircraft has been Inspected IAW an Annual Inspection and was Determined to be in an Airworthy Condition at this Time.

David Jeremy Ellis

34480171A

12/22/2013

David Jeremy Ellis

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
12/8/11	6938		6938	Logbook #2 started. Steve A Hall A&P 587786743



N393KW December 8, 2011 Hobbs: 6938 Total: 6938
 All controls checked and lubed; wheels and brakes checked; shock biscuits replaced; gear bolts greased; batteries serviced; lights checked; tail gear attach bolts replaced; replaced left and right fuel transmitters; new main tires installed; left and right wings removed and new lower spar caps p/n 20207T015 & 016 installed; see 337 this date; per AD 2009-26-11, the first eddy current inspection will be at 7938 TT and spar cap life is limited to 5400 hours (12338 TT); wings reinstalled using new lower splice blocks and attaching hardware; for AD status, see separate sheet.

Steve A. Hall
 A&P 587786743 IA

I CERTIFY THAT THIS aircraft HAS BEEN
 INSPECTED IN ACCORDANCE WITH A Annual
 INSPECTION AND WAS DETERMINED TO BE IN
 AIRWORTHY CONDITION.

Steve A Hall

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
02/06/2013				Hourmeter & Total Airframe Time 7,578.1 hrs Total Time Lower Wing Spar Caps 640.1 hrs P/w A.D 2009-26-11 by Eddy Current Inspection per SBAG-39 Rev 1 with no cracks detected. B. Hall A+13325064.

MIDCONTINENT
 Aircraft Corporation

1601 Hwy 84 East
 Hayti, MO. 63851
 Repair Station No. DFQR172D

MAKE THRUSH AIRCRAFT	MODEL S2R-T34	SERIAL NUMBER T34-267	REGISTRATION N393KW
TOTAL TIME 7578.1	TACH TIME 7578.1	TIME SINCE O/H N/A	

COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH CURRENT THRUSH FACTORY S2R-T34 TURBO THRUSH AIRPLANE MAINTENANCE MANUAL INSPECTION CHECKLIST. REMOVED ALL FUSELAGE PANELS FOR MAINTENANCE AND REPAIRS. COMPLETED INSTALLATION OF SUPPLEMENTAL TYPE CERTIFICATE # SA01540WI HOPPER HYDRAULIC SYSTEM AND UPDATED AIRCRAFT WEIGHT/BALANCE RECORDS. APPLIED CORROSION "X" CORROSION INHIBITOR IN FUSELAGE AND WINGS OF AIRCRAFT. CHECKED ALL NAVIGATION LIGHT OPERATION AND REPAIRED AS NEEDED. SERVICED AND INSTALLED NEW SET OF GILL AIRCRAFT BATTERIES. INSTALLED NEW PILOT SEAT BELT AND SHOULDER HARNESS ASSEMBLY. INSTALLED NEW CONTROL STICK PIVOT/ATTACH BOLT AND HARDWARE. SEALED ALL HOLES IN COCKPIT FLOOR. INSPECTED RUDDER PEDAL SWING ARMS AND TORQUED AS NEEDED. INSTALLED NEW BEARINGS AND SEALS IN SPRAY SYSTEM PUMP. INSTALLED NEW TIRES, BRAKE DISC AND BRAKE PADS ON BOTH MAIN GEAR WHEELS. INSTALLED NEW MAIN LANDING GEAR SHOCK BISCUITS ASSEMBLIES. INSPECTED MAIN GEAR ATTACHMENTS AND

Aircraft Record General Information

Manufacturer

Model

S2R-T34

Serial

T34-267

Registration Number

N393KW

Date of Manufacture

Sept 1999

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

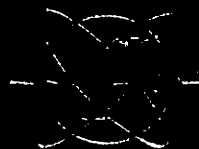
Blade Model

Serial

Serial

Serial

The Standard



— R O P L A N —

100-1000

DATE 19__	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
		DATE <u>2-3-11</u> TOTAL TIME <u>6270.7</u> Hobbs time RECORDING TACHOMETER <u>6270.7</u> Hobbs I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Earl Davidson</u> EARL DAVIDSON IA 1433646
12/08/2011		Hobbs: 6938 TOTAL: 6938 Logbook closed and #2 opened. Steve Adair AP587786743

DATE 19__	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
			All Ayres Corporation Service Bulletins and FAA AD's that are applicable have been complied with at time of inspection. <u>Steve Adair</u> Ayres Corp PC550
9-15-00	AD2000-05-03	640	Replaced gear bolts with AN10-33 AP587786743 AP587786743

DATE 19__	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
		Brake system serviced with fluid oil bleed as needed. Free system A/C check for security - installed new drive belt. check jack-off bearings for wear. Installed new GE-50C batteries. Installed new battery vent hoses - inlet at outlet. using all new clamps. Reinstalled o/a start/gen Assy p/n 250501140 s/n 2198 - see yellow tag dated 19 Oct. 2010 Reinstalled o/a oil cooler Assy p/n 10717C s/n 834 using all new hardware. Installed new oil cooler to oil from engine house. p/n 111F504-12D-0252 oil 111F5720-0310-1090. Installed new M1h-6000 engine vent hose. Reinstalled prop Assy s/n BUA22003 after repair - see prop log dated 10/29/2010. Swaging punch check for cracks - concave - missing portion - Repair minor cracks as needed and installed new cambars as needed. All new/studs/light checked - repair. Right nose light wiring - installed new left nose light bulb. A/d's checked and are listed on compliance sheets attach to back of this log. All work and inspection completed in accordance

DATE 19__	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
		with Ayer Lubrication maintenance manual oil in conjunction with A/W maintenance manual p/n 302/242 of Hottel's Manual no. 139.
		I CERTIFY THAT THIS AIRCRAFT WAS HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME MECHANIC <u>Elphaila</u> A&P32744398 6263.4 429.9 6263.4 TOTAL TIME TOTAL TIME LAST 12 MO. TIME TT prop SMOIT 1069.3 TT prop STKAE "0" TT S/S SMOIT - "0"

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.)
				init markings at placard check. Reintell oil temp indicator - after repair - see 8/30 form dated Oct 25, 2010 - reintell described RPM percent tach indicator - see 8/30 form dated Oct 20, 2010. Installed new 1746T-13-150 prop control cable - installed new style cable support bracket p/w 19305T022 to accommodate new cable - restored remaining sq. control cables to new bracket at adj oil cable as needed for proper travel. Rudder pedal bearings checked for security of ground. L & R brake master cyls checked for leaks. Installed new R door glass - windshield checked for cracks, loose fasteners at completion of seals. Remot flap at aileron - checked flap attach point paint bearing as needed - ground aileron attach rod end bearings. Aileron attach rod end bearing removed ground - reintell with new hardware. Flap aileron attach bracket at hinges checked for cracks at missing or loose fasteners. Reintell control surfaces using oil air hardware. Wing attach angles checked for cracks - corrosion or loose fasteners. Installed new SN7-214 wing spar attach bolt left

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.)
				oil sight wings. All wing inspection cover at gap back removed - checked spacers for corrosion - checked for cracked ribs - loose or missing fasteners. AD 2607-15-c/w - see log entry dated 11-10-10 by eddy current inspection of wing spar bolts. New bolts installed after inspection at top of spar. Installed new hopper top door seal - new dump door seal. Cleaned and replaced hopper fittings at sight glass as needed. Main landing gear attach bolts pulled - checked - labeled as reintell as per AD 2005-05-23. L & R shock struts removed - disassembled & cleaned, checked for corrosion, cracks at wear. Installed new shock biscuits both L & R - installed new shim L shock strut. Reintell both using all new attach bolts & hardware. Hinges checked for cracks in web of corrosion. Brake cyls L & R removed - disassembled, cleaned & installed all new "O" rings. Installed L & R brake discs new - installed new brake pads. L & R tires rotated. Wheel axle bolts checked for loose fasteners. Main wheel bearing cleaned & repacked.

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.)
12-2-10	6263.4	6263.4		100hr inspection completed this date. The following work completed: tail landing gear removed - disassembled - cleaned and repainted. Installed new tail wheel bearing lower hubbing and new upper bearing and cone. Installed new 5079-1 tail spring SN 2169 P.M. using new 5078-8 bolt and reseal kit hardware. Reinstalls complete gear using new all new bolts of fastener. Details new tail wheel lock cable. Installed new tail wheel bearing of cones. Fire check for condition - installed new T.W. tube and T.W. valve bolts and hardware. Buddies of elevator removed - checked and repainted pivot point bearings as needed - repainted welder born easy - repainted tail light wiring at bulb connection. Removed and repainted wing stabilizer struts - reinstalled using all new attach bolts. Buddies of elevator reattached using all new hardware. Vest fire visually checked for cracks in wear space loose rivets or skin cracks. Front attach bolt pulled - front spar fittings at bolt checked for corrosion - lubed + reinstalled.

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.)
				bolt. Spring steel attach point brackets and fittings - check for cracks or loose fasteners. Installed new found of aft section of L & R weld cables - new cable to welder born attach bolt. Installed all 4 weld cable pulleys new. Elevator control torque tubes, control rods and bellows removed - installed new rod and all pivot bearings as needed - greased remainder, reinstalled control system using all new hardware. Clever tubing checked for corrosion - cleaned and painted as needed. Cockpit straps removed - checked for cracks - repainted and installed using new hardware. Belly skin cracks repaired as needed. Installed new control stick to main torque tube bolt and Tg. Aileron and flap control rod end bearings at pivot bearings checked - lubed as required. Installed new aft end rod end bearing on flap rods. Flap actuator jack shaft greased - limit switches checked for proper function and travel. Cockpit seat covers checked for wear - lapel shoulder harness checked for condition and wear. Instrument panel lighting -

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.)
				L&H horizontal stub struts removed - stripped - checked for cracks and repainted. Reinstalled using all new hardware. Light cockpit door removed - disassembled glass, handle, removed skin and reassembled all on new frame. Repainted inside and out of door. Vert fin front attach bracket checked for cracks or corrosion - rear spar checked for loose rivets - cracks or corrosion - repainted as needed. Horizontal stub attach pts checked for security - cracks. Lateral belly skin as needed. Chined and repainted fuselage tubing as needed. Engine panels checked for cracks - missing corners - repaired as needed. Engine panels p/n 108107012 at 108107011 fitted, drilled. New conicals - grammers and spig sets installed. Cockpit seat covers - lap belt and shoulder harness checked for wear and condition. Cockpit lighters and instrument lights checked. Nav and strobe lights checked. Installed new windshield wiper blades - windshield checked for cracks or cracking. A/S checked and as listed on compliance record attached in back of log book.

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.)
				All work at inspection completed in accordance with Cypres Turbo-Prop Maintenance Manual in conjunction with A+W Maintenance Manual p/n 3021242
				I CERTIFY THAT THIS AIRCRAFT-108107012 HAS BEEN INSPECTED IN ACCORDANCE WITH A 10-HOUR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME.
				MECHANIC <u>John R. Smith</u> A&P327443333
				TT prop SMOH 639.4 TT 5/9 SMOH 667.5 TT 5/9 SIRAN "0"
				5833.5 639.4 5833.5 TOTAL TIME TOTAL TIME LAST 12 MO. TIME

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.)
				for security and wear. Installed new L+R main gear tires and tubes. Cleaned - visually checked - repacked main wheel bearings. Brake pads checked for wear. Semi-lubric system with oil. Removed tail landing gear and transmission - stripped or sandblasted - visually checked for cracks - repainted. Installed new tail wheel bearing lower bronze bushing + seal - installed new upper bearing + cone. Tail gear reassembled and reinstalled using all new hardware. Installed new tail wheel lock cable - lock pin + spring - new centering springs. Installed new tail wheel tubes - new wheel bearings and cones - new seals. Cockpit steps removed - visually checked for cracks - sandblasted - repainted - reinstalled w/ new hardware. Removed rounded hopper attach bolts - installed new bolts and resealed as needed. Resealed upper and lower hopper sight glasses. Installed new hopper door seal - installed new hopper vent tube support bracket and hose connection. Removed ailerons - flaps - elevator - rudder, checked all attach point bearings - greased and replaced

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				bearings as needed. Checked all attach point brackets and supports for cracks or missing hardware. Fuel tanks drained of fuel - removed access cover as needed - cleaned and dried fuel tanks. Resealed L+R fuel tanks as needed - reinstalled cover. Visually checked wing center sections for security - loose fasteners and corrosion - checked wing attach angles for security and cracks. Re-spaced attach bolt torques checked. Removed all wing inspection cover - visually checked for cracked ribs - loose fasteners and corrosion. Installed new L+R balance cable assys - installed new ground cockpit bal cable. Rudder cable checked for wear - installed new aft rudder cable pulleys. Fuselage area elevation and aileron torque tube control rods and ball joints removed - checked pivot and rod end bearings - replaced pivot bearings as needed - greased rod end bearings. Reassemble controls - ailerons - flaps - elevator and rudder using all new hardware. Rudder horn removed - stripped and checked for cracks or corrosion - repainted.

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.)
2-18-09				DATE <u>2-18-09</u> TOTAL TIME <u>5225.7</u> RECORDING TACHOMETER <u>5225.7-HOBBS</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Earl Davidson</u> EARL DAVIDSON IA 1433646



N393KW

March 31, 2009

Hobbs:

Removed existing Satloc Airstar and Raven Flow Control. Installed Hemisphere M3 DGPS and Intelliflow flow control system. Weight and Balance revised.

Steve A. Hall
A&P 587786743

Steve A Hall

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.)
5/19/05				Installed G72-225 Com @ CITA and/or Unit functioned normally

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				check wear, Sat - for GPS system wiring and components checked for security. Cockpit and inst. lightly checked for operation. Now all strokes checked for proper function. Installed new windshield wiper blade. Engine air inlet area cleaned - gap bank cleaned - rescaled as needed. Aileron off-laps removed - checked attach point rod end and pivot bearings - replaced flap pivot bearings as needed - greased all rod end bearings. Aileron control rod end bearing greased - Torque Tube rod end bearing lubed - checked bellcrank security and lubed pivot bearing. Flap actuator rod end greased. Checked aileron attach brackets at nose gear for security - cracks. Reinstalled flap & aileron using all new hardware. Aileron servo tabs checked for security - lubed hinges. - greased control rod end bearings. Reinstalled o/h prop assy S/N 60A22003 using new B3339 attach bolts - in accordance with Hartzell prop manual 139. See prop log at P139 form dated

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				10-27-08. Repaired fuel gauge panel changed as needed - checked fuel gauge skin panels for cracks - missing combos as repaired or installed as needed. All work completed in accordance with Ceyren Turbo Shrink Maintenance Manual and in accordance with PWC maintenance Manual p/11302.1242. See checked at one listed in complete record attached to back of this log. FT prop SMOH "0" TVS/S SMOH 28.1 hr. I CERTIFY THAT THIS AIRCRAFT-XXXX HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME MECHANIC <u>Ed White</u> A&P327443988 5194.1 612.7 5194.1 TOTAL TIME TOTAL TIME LAST 12 MO. THE TIME Hobbs

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.)
				al wear - control rod end bearings checked & greased. Reinstate flaps & cables using all new hardware. Wing attach angles visually checked for cracks & corrosion - attaching hardware torque checked. Rear spar attach bolts checked for security & proper torque. All wing inspection cover removed - visually checked spar for corrosion - checked wing internal for loose fasteners, cracked ribs or loose ribs. Wing center section - checked for corrosion, loose fasteners, worked joint & back of center section. C/W Shuck Aircraft SB-AG-47 by visual inspection of upper longerons forward of cockpit in upper area for cracks or corrosion - none found. Lower longeron sight glass removed - frame clean - new glass installed & reassembled - resealed. Remove front support attach bolts - clean & reinstall & reseal bolts & flanges. Main landing gear attach bolts removed - visually checked - lubricated & reinstalled as per AD 2005-05-23 at SB-AG-42. Shock absorbers checked

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.)
				for deterioration - greased strut bolts. Main gear attach pts & structure checked for cracks. Main gear wheel pulled - bearing cleaned - checked - repacked. Checked axle attach bolts for proper torque. Brake housing disassembled - cleaned - installed new "O" rings. Installed new brake pads - serviced brake system with fluid. SAE fuel filter checked & cleaned. Checked fuel supply lines for security & chafing. Installed new battery drain fitting - checked drain hose for blockage. Installed new GE-5DC batteries. Checked electrical relays, wiring for security & corrosion. Starter/generator pulled - drive splines checked for wear - blown out - reinstalled & sealed. Installed new top cove door seal - installed new clamp linkage fuselage brack. Spray system linkages checked & lubed - installed new spray rod end bearing. Installed new drive belts on Ice System Air Cond System. Visually checked system for security & hose

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				Rudder removed & repainted & reattached with new hardware. Rudder & elevator skin checked for cracks & corrosion - loose nuts or fasteners. Elevator trim linkage rod end bearings, bellcrank & bushings checked & greased - reassembled with new hardware. Trim tab fingers checked for wear & lubed. Rudder & elevator reinstalled using all new hardware. Port fair & fairing stay attach brackets at hardware checked for security & crack in fittings. LXR fairing struts removed - visually checked for cracks in welds - cleaned & repainted. Install struts using all new hardware. Rudder cables & pulleys checked for wear - lubed pulleys. Rudder - aileron interconnect balance cables & pulleys checked for wear & security - lubed pulleys. Removed elevator control torque tubes & control rods. Checked rod end bearings & replaced as needed - greased remaining. Bellcrank & idler removed - replaced with new bearings as needed. Reassembled control system using new hardware. Installed new tail wheel bearings & rollers.

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				Cockpit stops removed - removed paint & visually checked for cracks & corrosion. Repainted both & reinstalled using new hardware. Fuelage over aileron control rods; bellcrank & idler, torque tubes removed. Rod end bearings checked for wear & greased. Idler pin bearings checked & replaced as needed. Reassembled controls using new hardware. Cockpit seat removed - new seat bottom & back cover installed. Seat belts checked for chafe wear - installed new shoulder harness straps. Seat reinstalled using all new hardware. TG & ITT gauges reinstalled after inspection & repairs - see work sheets & 8130 form dated 10/30/2008 & 11/26/08 Air Rollover Int. Checked cockpit & inst. markings & placards. Removed ailerons & flaps. Checked attach point bearings for wear & greased. Flap actuator rods removed - rod end bearings checked & greased - greased flap pitch screws. Checked security of flap actuator & limit switches. Aileron control bellcrank & stops checked - lubed bellcrank bearings. Aileron servo tubes checked for security.

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6-04-08				Hobbs 48463. Installed L & R new main gear tires & tubes. repacked outer wheel bearings - checked brake pad wear. Top of gear oil - batteries serviced w/ water. Firewall fuel filter pulled & cleaned. Installed missing camlock fastener on manifold. Ed R Wilken RP3274439PP
9-10-08				Hobbs 51486. Grease pump hub - checked security & safety of fastener. Jack tail gear Assy - checked for loose fastener - installed new NBS front spring attach bolt. Removed stem welder from clamp block & retighten bolts to secure spring in clamp. Checked T.W. housing for bearing - greased all fittings. Serviced batteries with water - clean firewal fuel filter. Ed R Wilken RP3274439PP

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9-18-08				Hobbs 5166 R/R starter per log with 5/15/2198 gen. see serviceable tag dated 26 June 2008 - Arkansas Reconnection. Insured all safety wired band - tested for proper function. Ed R Wilken RP3274439PP
12-26-08				Hobbs 5194.1 / 775194.1 100 hr inspection completed this date. The following work accomplished: tail landing gear & al turning removal, disassemble and clean. Paint removal on needed at all ports internally check for cracks. Reprint al painted all parts - reassembled & reinstalled using all new hardware. Installed new tail wheel housing upper bearing & cone - replaced bottom bronze bushing. Installed new tail wheel lock cable and rigged for proper travel. Removed welder at elevator Assy - checked attach points & replaced bearings as needed. Redden

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				missing fastener, repaired as needed. Center receptacle at strainer checked & repaired as needed. Check inst. panel lighting - checked nav/strobe system for proper function, repaired wiring as needed. Inst panel placards, Versage & wing placards checked & replaced as needed. Cockpit seat cover checked for wear - seat belt & shoulder harness checked for security & wear. All work completed in accordance with Piper Seabrook Maintenance Manual in conjunction with PWC Maintenance Manual p/w 3021242. A/C checked & certified on completion & attached to back of this log. I CERTIFY THAT THIS AIRCRAFT-101 HAS BEEN INSPECTED IN ACCORDANCE WITH A 10 HOUR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME 01-14-08 MECHANIC <u>Earl Davidson</u> A&P327443368 4581.4 426.9 4581.4 TOTAL TIME TOTAL TIME LAST 12 MO. TACH TIME 4608.2

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.)
01-21-08	Hobbs 4581.6			Removal defective w/c drive motor assy p/w 10198 & reinstalled o/H assy p/w 15108 - fuel system - changed with fuel checked for proper function. Log R. Wick AP327443368 DATE 2-19-08 TOTAL TIME 4608.2 RECORDING TACHOMETER Hobbs 4608.2 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Earl Davidson</u> EARL DAVIDSON IA 1433646
2-19-08				

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.)
				corrosion - retorqued angle attach bolts. Installed new aft spar attach bolts. C/w Shuck Aircraft Inc SB-A 6-47 by visual inspection of upper fuselage forward of cockpit in upper area for cracks or corrosion in tubular nose panel. L & R Main gear wheels pulled - wheel bearings checked - checked & repacked. Ayle bolts retorqued - installed new brake pads & main wheel. Brake system checked - park brake checked - serviced system with hyd. fluid. Main gear shock struts removed - disassembled & cleaned - shock elements checked for condition - reassembled & greased. Reinstalled struts using new hardware. Installed new M.L.G. attach bolts p/n NAS6610-D42 at attach landing. Wing center section area washed - visually checked for corrosion - loose fasteners. Installed new NAS6685-25X at NAS6605-29X bolts new nuts & washers in wing center section clamp blocks after eddy current inspection completed 12-07-07.

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				Serviced fuel filter removed - cleaned. Installed new GE 50C batteries after servicing as per Bill service instructions TBP 1560 rev B. Replaced batt at starter relay due to corrosion p/n AN3370-1. Wiring & connector checked & cleaned & resecured. Free system A/C comp package removed from aircraft - all components checked & inspected. Installed O/H drive motor assy p/n 299-800-1 S/N D198 - see 8130-3 form dated Dec 6, 2007. Installed new sec/dryer hoses as needed, all new drive belts in accordance with free system maintenance manual 52-45 series. System vacuumed & sealed w/oil at R-134A from. Reinstalled starter/generator p/n 250561119 S/N 2232 after inspection - see service tag dated 5 Nov. 2007. TTSMCH 348 hr. Reinstalled prop S/N BHA 22003 after IFRAN - see prop log dated 11-06-07 - in accordance with factory manual 139 at 51140A. Installed new A3026 bats block - adjusted prop control rigging as needed. Fuselage removable skins checked for cracks -

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				brackets checked for security - confirm and visually checked for cracks. A.D. 07-26-01 p/c/w - see log entry dated 01-29-07 - by installator of vult fin attach fitting p/w 95266-3 and long fitting p/w 95267-5 as per SB-AG-45 rev. A+B. Rudder elevator reinstalled using old new hardware. Elevator trim tabs checked for security & attachment and lubed. All trim tab control linkages and end bearings greased and new attach hardware installed. Elevator control rods - torque tubes - bellcranks and idler removed - rod end and pin bearings checked and regreased or replaced as needed. Complete system reinstalled using new hardware. Reducer cables checked for wear - installed new aft roller cable pulleys. Installed new roller cable to horn attach hardware. Aileron flap removed - checked and replaced flap attach bearings as needed - lubed and greased all remaining rod end bearings. Flap and aileron actuator rod end bearings regreased. All control surfaces reinstalled using new hardware. Aileron control rods -

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				bellcranks - idler removed. Check all ground all rod end bearings. Check all pin bearings and lubed - reassembled with new hardware. Control sticks fast check for condition and reinstalled and torqued. Spray system control rods removed - repainted as needed - rod end bearings replaced as needed and remainder regreased. Installed new lower spray boat. Remount X & R cockpit stops - removed paint - checked for cracks - repainted and reinstalled w/ new hardware. Inst. of new lights checked - strober checked. Removed top exit panel top cover for access to lower section windshield - checked and changed minor corrosion. Removed forward section cover - removed paint and corrosion - repainted and reassembled w/ stainless hardware. Reinstalled inst panel cover using new stainless hardware - rescaled windshield. Installed new top upper door seal. Installed new windshield wiper blade. Rechecked internal for corrosion - cracked ribs on lower fuselage. Check wing attach angles for cracks or

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				- 202897002 isb - 202947001 lower skin installed. Skin sealed - primed & repainted. Aileron & flap reinstalled using all new hardware. Wings - visual span check for loose fasteners & corrosion. All new & structural lights checked for proper function. Main landing gear attach bolts pulled - checked & lubed. Shock struts & landing condition checked - green. Main gear wheel bearing checked - inspected & repacked. Installed new brake pads L & R wheels. Installed new upper top door gasket - checked baffles for security. C/A SB-R6-47 by visual inspection of longeron tubes for cracks - none found. Batteries serviced with water & charged - S.G. in each cell checked OK. Air filter element washed - air inlet area

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				work of. Engine compartment lower - elec wiring - relay checked for security & check wear. Installed new 1" mil 6000 eng. vent hose. Installed new drive belts in air cond. Comp drive motor package. Prop hub green & blades checked for T.O.D. Prop security checked - installed new A3026 hub air block - prop inspect in accordance with - Hartzell manual 139. Cockpit seat covers checked for wear - seat belts & shoulder harness checked for wear. Inst panel placards & inst markings checked. Reinstalled oil pressure gauge after spin SW 52667. See P/30 form air filter last dated Jan 22, 2007. Air filter element removed - installed new filter. Firewall fuel filter element removed & cleaned - reinstalled - gasket checked for leaks. Installed new upper vent tube & attach bracket inside fuselage. Service brake system with hydraulic fluid. Cockpit seat cover & belts checked for condition - installed new head

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				repaired section of rudder pivot and repositioned. Rudder remains using all new hardware. Tail landing gear removal - then reassembled with new pin 5080-1. Remains of tail gear cleaned and oiled - checked for cracks and wear - repositioned and gear reassembled - installed using all new hardware. Installed new lower tail wheel hub, bushing - new upper bush and race. In ballroom tail wheel bearing and race. Reinstalled wheel lock cable in tail and rigged. Installed new 402507003 rudder horn assembly using new SS bolts. Rudder cables and pulleys checked for wear at proper rigging - checked pulleys. Balance cables and pulleys checked for wear and lubricated. Elevator control rods - torque tubes - ball joints removed - all rod ends and all pin bearings checked - greased or changed as needed. System reinstalled using all new hardware. Installed new lower spray nozzle. Dirty nozzle checked for wear. Fuel tank drain - drained

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				cleaned and fuel tank in area of rudder and reassembled. rechecked impulse cover and repositioned. Installed new fuel head: tank Assy pin 90147032. Installed new 111417-8D-0126 lower (2) call 1114178D-0340 lower (2) using tank to leader tank supply hose. Installed new 3" copper leader tube seal using all new SS hardware. Installed new air line vent and rods and taper tube seal and bronze grease - reassembled with new hardware. Flap control rods checked - end bearing regreased. Flap rigging at trail checked - flap actuator grease - limit switch rigging checked. Front and rear wing spar attached to fuselage checked. Wing attach angles checked for security and cracks. Slope of air line removed - attach point bearings checked - grease or replaced as needed - attachment of ball joint rods checked and greased. Right flap leader edge skin pin 202957001 and (2) 20297001

DATE 5-17 19 06	RECORDING TACH TIME 408853832.5	TODAYS FLIGHT	TOTAL TIME IN SERVICE 3832.5	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.)
				DATE <u>5-17-06</u> TOTAL TIME <u>3832.5</u>
				RECORDING TACHOMETER <u>Hobbs 3832.5</u>
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. All ^{applicable} SER. bulletins thru SB 45 and SB 47 Complied With.
				<u>Earl Davidson</u> EARL DAVIDSON IA 1433646

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.)
01-27-07	4154.5		4154.5	100 hr. inspection completed this date. The following work accomplished: all removable panels - gap bands inspected - covers removed, tail group removed. Vent fin attach. 40301-7 replaced with fitting 95266-3 and housing fitting 95267-5 installed as per Thrust Aircraft Inc SB-AC-45 rev A. Vent fin and fittings repainted as needed. Housing and vent fin run-in till using all new hardware - new housing blunt bolts installed. Clevises attached point pivot bearings replaced as needed - scatted clevises using all new hardware. Trim tabs and controls checked - linkage redone and bearings greased - reservoirs with new hardware. Reducer attach pivot bearings replaced as needed - lower hinge bracket removed from vent fin spar - clean and repainted - scatted and sealed. Lower reducer spar section removed at 16.5" location and repaired using Thrust Aircraft repair kit CK-AC-35 - all parts replaced or installed as per kit instructions. All skin tape sealed -

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				check for cracks at loose fasteners. Spar and ribs visually checked for corrosion - cracks - loose fasteners. Nav and Strobs lights checked for proper operation. Fuel tanks drained - cleaned - resealed as needed. - serial tank with fuel drained off. Cockpit seat covers checked for security and wear. Safety belts checked for chafe wear. Instrument lights checked for proper operation. Instrument panel checked. Instrument fuel tank opening placards as needed. All panels checked for cracks and missing components as needed. Skin cracks on bottom of R. Repaired in accordance with AC43.13-1B section 4. Remains of inspection and repair completed in accordance with Piper Turbo Shark maintenance manual inspection section. All R's checked and complete record attached to back of this log.

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	TTprop SMOH 1231.8			I CERTIFY THAT THIS AIRCRAFT WAS HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME. MECHANIC <u>Ch R. Wilken</u> ACP327413600
	TTprop SIRAN "0"			
	TT5/g SMOH "0"			
				3656.9 613.2 3656.9 TOTAL TIME TOTAL TIME LAST 12 MO. Hobbs
12-06-05	Hobbs	3656.9	TT 3656.9	Service Bulletin SB-AG-47, upper longeron inspection, dated 8-10-05, complied by visual inspection as per locations detailed in SB. No discrepancies noted at this time. Inspection due as one time inspection as per SB-AG-47. Results faxed to Shreck Aircraft Inc. Shreck Service Bulletin AG-45 rev. A inspection complied with at time of 3656.9 hrs TT. Inspection due every 100 TIS until the 40301-7 attach fitting is replaced as per SB-AG-45 rev. 14. or when parts kit is available. Ch R. Wilken ACP327413600

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.)
				using new hardware - travel and clevises checked. Installed new lower spray landing hook and dump landing hook. Tee beam stand off bracket checked for cracks and security. Cockpit steps removed and repainted - reattached with new hardware. 3 leg control system for re function - installed new flap motor and coupling - adjusted limit switches as needed - greased flap jack screw - checked for proper operation of travel. 3 leg control rod end bearing replaced with new, checked lagging for cracks or leaks - removed front lagging fitting - checked and reinstalled using new seal material and hardware. Installed new top lagging door seal - installed new dump door seal. L & R main landing gear removed - checked for cracks and corrosion - removed repainted - reinstalled using all new NAS parts. Shock struts removed - Shock bearings checked for condition - reinstalled with all

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				new attach bolts and greased. M/K 1/6 after check for straightness and security. Wheels disconnected - tires rotated - wheel bearings cleaned - checked and repacked. Installed new brake disc and new brake pads. Brake system bled - serviced with fluid. Checked and cleaned fuel filter. Installed new batteries 35 SOC. Relays and wiring security checked. Installed starter, gen assy after overhaul. 110V 5/2232, attach clamp torque at softed. All 5/8 wiring secured at softed or needed. Air filter element washed. Prop rebuilt after FRAN - 5/10 B44 22003 - as per history manual 139 and service instructions 1404. 3 legs of airframe removed - brackets checked for cracks and security of hardware. Hanger checked for cracks and security. Attach point pint bearing replaced as needed - remaining greased - control rods end bearings checked and greased. 3 leg airframe reinstalled using all new hardware. Wing center section - attach angle

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12/06/05	3656.9		3656.9	100 hr. inspection completed this date. The following work accomplished: All panels, gap bands, inspection covers removed for access to inspect. Complete tail group removed - cleaned - inspected and repainted by owner. Vest fin front attach bracket checked for cracks and corrosion - none found. Inspected horiz stab to vest fin attach bracket for security - cracks and corrosion - none found. Replaced elevator + welder attach point pivot bearings as needed. Reassembled tail group using all new attaching hardware. Elevator trim linkage seal ends ground - all linkages and bellcrank hardware replaced. Aft belly skin removed - fuselage tubing cleaned and repainted. Belly skin reinstalled using standard steel fasteners. Tail landing gear removed - cleaned and repainted. Installed new tail wheel housing P/N 5081-1 S/N 1410 P. Tail wheel spindle housing bushings -

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.)
				bearings and seal installed. Tail gear complete assy reinstalled to aircraft using all new attach hardware. Installed new tail wheel bearings and vacuum - new tire and tube. Installed tail wheel lock cable new - rigged for proper travel. Remains of belly skin checked - minor repair patches installed using all new standard hardware. Installed new belly skin rubber stand - Removed elevator control torque tubes - control rods - bellcrank - replaced rod end bearings as needed - ground all other and reassembled using all new hardware. Installed new welder cables forward of aft section - installed new cable pulleys and hardware. Installed all new balance cables - rigged balance and welder cables as needed and adjusted. Fuselage over oilers - control rods - torque tubes and bellcrank removed - rod end and pivot bearings checked - replaced as needed and remainder regreased. - System reassembled

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.)
				checked and are listed on attached sheets in back of log book.
				<i>TTprop Smo H 618.6</i> <i>TTSGS MDH 618.6</i> <i>TTSGS IRAW "0"</i> <i>TTSA/C drive motor "0"</i> I CERTIFY THAT THIS AIRCRAFT SMO H HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME MECHANIC <i>Earl Davidson</i> A&P327443988 <u>3043.7</u> <u>618.6</u> <u>3043.7</u> TOTAL TIME TOTAL TIME LAST 12 MO. TTG TIME <i>Holler</i>

DATE 5-10-2005 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.)
	3230.4		3230.4	See Turbo Thrush Inspection Interval Chart <i>FINISHED 5-10-05</i> DATE <u>5-10-2005</u> TOTAL TIME <u>3230.4</u> RECORDING TACHOMETER <u>3230.4</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>Earl Davidson</i> EARL DAVIDSON IA 1433646

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.)
				replaced al seals replaced w/ grease. L & R brake cycle removal - disassembled - cleaned and new o-rings installed. Cycle reassembled - reinstalled - new brake pads installed - hyd system serviced with oil. Main gear attach bolts replaced using new NAS bolts. Shock struts removed - disassembled and greased - reinstalled using new upper/lower attach hardware. Wing center section visually checked for security of hardware, cleaned, & checked for corrosion. Fuel filter pulled, cleaned. Installed new Hill HP-50C batteries at new 8003 battery connectors. R.C.R removed - bare plate cleaned & primed. Installed new battery drain motor p/w 299-800-1 s/w 10/98 - see 8130 form dated Aug 5, 2004. Installed new comp assy p/w 284-9130P-1,

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.)
				S/N 12224R under w/o 4497. Installed new drive belts, rigged for proper tension. Vacuumed & sew/sector unit from 134R. Engine air filter element washed & serviced w/oil. Reinstalled starter/generator APC25056111Q S/N 2232 after repairs - see repair tag at work sheet dated 19 Oct 2004. Prop visually checked for security & fastener, hub greased, blades cleaned & painted. Installed new pitch block - rigged pitch control linkage as needed. Checked & lubed prop & eng. control linkage, checked engine mount and isolator dampers for security, cracks. Fuel & all lines checked for leaks, security. Electrical wiring checked for security & changed wear. Replaced spray linkage, fuselage opening boots as needed. Checked deep boat for security. Remains of inspection completed in accordance with Cyren Turbo Shrink maintenance - inspection section - and in conjunction with P & W Maintenance Manual p/w 3021242. RDS

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.)
				Elevator trim linkages at bellcrank lubed - bearings checked for wear & greased - reattached using new hardware. Rudder cable checked for wear - installed all new rudder cable pulleys. Installed cockpit half of balance cables - rigged for proper tension - checked remaining cables at pulleys for wear. Elevator control torque tube, bellcrank, removal - rod end at pivot bearings checked for wear and freedom of movement - replaced as needed. Reassembled using new hardware. Horizontal attach point bracket at fittings checked for security - struts checked for security, corrosion - repainted as needed. - replaced lower strut to fuselage attach point hardware. Aileron a/c flaps removed - attach point pivot bearings checked - greased or replaced as needed. Replaced flap actuator rod end bearings as needed & R side. Servo horn reinstalled using new hardware. Cockpit steps checked for security, corrosion & cracks - repainted as needed. Installed new

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.)
				cockpit seat cover (bottom). Instrument panel & instrument markings or placards checked. Just lightly checked. Door glass at windshield checked for cracking - security. Removal aileron a/c flap control linkages - bellcrank in fuselage area - checked rod end at pivot bearings for freedom of movement - replaced & greased as needed. Checked torque tube rod ends at bellcrank in wings - lubed. Reassembled system using new hardware. Checked wing attach pts at angles for security & hardware - cracks or corrosion. Checked wing spar, ribs & attachment for security - corrosion or cracks. Checked row/strobe lights - installed new strobe bulb left wing. Installed new combi struts at left side baggage location - repaired attach brackets as needed. Main landing gear wheel pulled - installed new bearing & race & main wheel - repacked all bearings. Tail wheel bearings

[illegible]

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
12-01-04	3043.7	3043.7		Completed 100 hr inspection this date. The following work accomplished: all removable panels, gap bands and inspection cover removal process to inspect and engine removal welder, vertical fin and elevator. Installed new lower welder attach bracket 402437001 and bearing. Cleaned aft vert fin spar as needed - repainted. Cleaned and repainted welder horn and cable attach plates. Replaced elevator bearing point bearings as needed. Reinstalled welder, vert fin and elevator using all new attach hardware and bolts, repaired tail light wiring as ground as needed. Tail landing gear removed - disassembled and cleaned. Installed new tail spring assy p/n 5079-1 s/w 1321 PM. Rebuilt complete gear assy repainted. Installed new tail wheel housing bearing and race, seal, grease fittings. Installed new tail wheel lock pin - lock pin plate and cable. Centering springs and shock absorbers replaced. Complete gear reassembled and installed using new attach hardware.

DATE 19 <u>2003</u>	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.)
				Aileron al flaps removed, checked attach point pivot al rod end bearings - replaced bearings as needed al greased remainder. Reinstalled aileron al flaps with oil new hardware. Flap actuator Assy al linkage checked al lubed. Aileron servo tube hinge checked for wear al lubed - linkage rod end bearings greased. Checked wings for crack in skin - loose rivets. Front al rear spar checked for corrosion - as per SB-AG-29. Aileron control rods, torque tubes checked for condition, rod end bearings greased al lubed, bellcranks checked for bearing slots, lubed bearings. Aileron - rudder balance cable al pulleys checked for wear, pulleys lubed. Control stick to main torque tube bolt replaced with new ANX-36A fast al torqued as per SB-AG-27, pivot bearings checked al lubed. L/R cockpit steps removed - cleaned - repainted. Rudder pedal al hinge attach pts checked al greased. Left fuel tank inspection

DATE 19 <u>2003</u>	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.)
				cover removed as needed - tank drained - cleaned al resealed as needed. Reinstalled cover with new gaskets. Tank refilled after seals were - no leaks noted. Spray control al dump door linkage removed - cleaned al painted. Rod end bearing al fork ends replaced as needed. Spray al dump door replaced with new. Fuselage panels checked for cracks, missing fasteners, corrosion. Repaired panel as needed al painted as needed. Inspection complete, all work performed in conjunction with Turbo Thrust Maintenance Manual al F&W Maintenance Manuals. All Ad's checked al or listed - separate sheets attached to back of this log I CERTIFY THAT THIS AIRCRAFT IS HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND FOUND TO BE IN GOOD PROPER CONDITION AT THIS TIME MECHANIC <u>Th. K. White</u> A&P327443988 2425.1 644.2 2425.1 TOTAL TIME TOTAL TIME LAST 12 MO. TACH TIME Hobbs

DATE	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.)
18 2003				points greased. New main gear tires installed prewashed to inspect - main wheel bearings checked and repacked. Brake pads checked for wear. Brake hyd system checked for leaks, serviced with fluid - park brake function checked. Wing center section visually checked for security of hardware, corrosion. Wing airtail angles checked for cracks, loose fasteners. Upper throat attach area checked for security and leaks. Fuselage area elevator, aileron and flap control rods and torque tubes - bellcranks removed. Pivot at rod end bearing checked and greased. Replaced rod end bearings and pivot bearing as needed. Control system reassembled using new hardware. Installed new aft section L+R rudder cables and rigged for proper tension. Installed new aft pullups. Tail gear Assy removed, cleaned and inspected for wear, cracks. Removed all corrosion - repainted. Installed new tail wheel housing upper bearing and race. Installed new tail wheel lock pin plate. Reattached complete tail gear Assy.

DATE	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.)
18 2003				using all new hardware. Installed new tail wheel lock cable and rigged for proper tension. Installed new centering springs. Checked hoist and vent pin for security of attach plate and security of attach brackets, spars, fittings. Wing stab struts removed - cleaned - corrosion removed - repainted. Reinstalled struts with new hardware. Rudder removed - pivot bearing checked - replaced all attach pt. pivot bearing - reinstalled with all new hardware. Rudder horn removed - cleaned and repainted - reinstalled with new hardware. Elevator trim tabs attach pivot bearings checked and lubed. Elevator trim tabs attach pt. checked for security - hinges lubed. All control linkages rod ends lubed, bellcrank attach bolts replaced and lubed. Local status lights checked - inst lighting checked. Windshield and door glass checked for crazing or missing fasteners. Resealed windshield as needed. Installed new wiper blade. Cockpit seat cover condition checked. Seat belt and shoulder harness checked for wear.

DATE 2003 2nd May	RECORDING TACH TIME HOBBS 1937.9	TODAYS FLIGHT	TOTAL TIME IN SERVICE 1937.9	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.)
2 May 03				Annual Inspection performed to get aircraft relicensed closer to our off season.
				DATE <u>2 MAY 2003</u> TOTAL TIME <u>HOBBS 1937.9</u>
				RECORDING TACHOMETER <u>Hobbs 1937.9</u>
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				<u>Earl Davidson</u> EARL DAVIDSON IA 1433646
				Note: See Turbo Thrush Maintenance chart dated April 14 th to May 2 nd 2003, and placed in aircraft records.

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.)
11-07-03	2425.1		2425.1	100hr inspection and repair completed this date. The following work accomplished - all panels, inspection covers, gap bands removed. Prop removed - sent for overhaul - reinstalled using new B-3339 attaching bolts as per Hartzell Service instruction 140A. Prop S/N BUA22003 TTSN288X.2 See prop log entry and 8130 form dated 10-17-2003 - Memphis Propeller. Reinstalled starter/gen Assy p/w 2505G111Q S/N 2232 after overhaul - see yellow tag dated Oct 21-2003 - Arkansas Overhaul. Disassemble engine control cables, linkages, rod end bearings checked for proper rigging and lubed. Batteries serviced with water and charged. Volt reg. and RCR removed, contacts cleaned, leave plate cleaned and painted as needed - reattached. Relays all wiring checked for security and function. Firewall fuel filter pulled, checked and cleaned. Main landing gear tie rod end attach bolts replaced using new NAS 6610 - 420 bolts. Shock absorbers checked for condition, shock strut attaching hardware checked for wear, proper security. Struts and lower attach

DATE 10 2002	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.)
				Manual "Maintenance and Inspection" Section and other appropriate and applicable manuals. Cdi's checked, and are listed on separate sheets attached to back of this log.
				I CERTIFY THAT THIS AIRCRAFT IS HAS BEEN INSPECTED IN ACCORDANCE WITH A 100-HOUR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME
				MECHANIC <u>Earl Davidson</u> A&P327443988
				TT prop 30 2240 hr. TT prop SIRAW 492.5 hr. TT SCSMOT 520.5
				1780.9 TOTAL TIME
				520.5 TOTAL TIME LAST 12 MO.
				1780.2 TOTAL TIME Libb

DATE 2nd DEC. 2002	HOBBS RECORDING TACH TIME 1787.8	TODAYS FLIGHT	TOTAL TIME IN SERVICE 1787.8	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.)
				ANNUAL inspection completed this date. See Turbo Thrush Inspection interval chart, dated Nov. 22nd thru Dec 2nd 2002, and placed in engine manual, for checklist.
				DATE <u>2 DEC 2002</u> TOTAL TIME <u>1787.8</u>
				RECORDING TACHOMETER <u>HOBBS 1787.8</u>
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				<u>Earl Davidson</u> EARL DAVIDSON IA 1433646

DATE 10/2002	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.)
				Wing center section: hardware of fasteners visually checked for security, checked for clean. build up of corrosion. Main landing gear attach bolts replaced with new hardware. Shock strut removed, disassembled and cleaned. Reassembled with new shock pins and new hardware. Permitting new hardware. Main wheel bearings cleaned checked. Installed new inner and outer bearings also in R wheel. Repacked all bearings. Installed new brake discs at pads L & R sides. Brake fluid checked at service. Brake system checked for leaks, holding ability of park brake. Exhaust fuel filter checked and cleaned. Fuel system hoses checked for security and chafing. L & R fuel tank senders checked for proper ohm readings. Electrical system wiring, relays checked for chafing of function, security. Batteries served w/ water, charged at S.G. checked. Eyes air filter

DATE 10/2002	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.)
				element checked and sealed with oil. Naval strike lights checked. Int and panel light checked. Int markings at Placards checked. Seat belt and shoulder harness checked for wear. Installed new seat back cover. Eyes of props control linkage and cables checked and lubed. Fuselage skin checked for cracks, chafing wear, missing combs. Free system air control system checked, installed S258-012-3 and -4 drive motor support rails. Installed new S244-005-3 compressor mount plate. Installed new pitch shaft housing of new drive belts. Adj belt tension - set for proper operation. Prop spinner removed, but green, prop inspected in accordance with Hartzel manual 139. Blade checked, repainted. Installed new beta block, control rigging adj as needed. Beta valve plunger checked for corrosion and lubed. Remainder of inspection completed and inspection carried out in accordance with Oxyres Turbo Shrub maintenance

DATE 10 2002	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.)
				All cables rigged and tension checked and adjusted. Installed new welder horn and bearings with new hardware. Soil landing gear and strut removed, cleaned, visually checked for cracks, and repainted. Installed new lower tail wheel bearing bushing and washer, upper bearing and race, and lower steel. Soil gear rebuilt using all new attach hardware. Soil wheel bearing cleaned and repacked. Installed new tail wheel brake cable. Elevator trim tabs and linkages checked for security, batt and bearing replaced as needed. Rodent bearings lubed. Elevator control torque tubes, control rods, ballcrank and idler removed. Pivot at rod end bearing condition checked, replaced rod end at pivot bearings as needed. Control system rebuilt with new hardware. Aft fuselage tubing cleaned and repainted as needed. Fuselage structure checked visually for cracks, paint condition checked. Aft welder cable pulleys replaced with new pulleys.

DATE 10 2002	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.)
				Replaced lower spray linkage bolt. - checked all remaining bolts for condition. Aileron at flap removed - attach point bearings checked for condition and replaced as needed. Regreased remaining bearings at rod ends. Rechecked flap and aileron with all new hardware. Fuselage over aileron controls, rock, ballcrank and idler removed, bearing condition checked and regreased - reassembled with new hardware. Torque tube rod end bearing condition checked and regreased. Flap joint screw at mech ground, elec connection checked for security. All control surface tracks checked. Aileron attach angle visually checked for cracks, hardware attach bolt torque - checked. Fuselage attach struts checked for security or cracks, repaired as needed. Wing spars, ribs and panels visually checked for corrosion or cracks. Aileron servo linkage rods removed - rod end bearings cleaned, checked for freedom of movement and greased. Rebuilt using new hardware.

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.)
				N393KW 3/20/02
				Installed bottom load fuel system. See 337 this date. Weight and Balance revised.
				<i>Steve A Hall</i>
				Steve A. Hall A&P 587786743
				NOTE: 337 is located in REAL OF ENGINE LOG.

DATE 2002	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.)
11-20-02	1780.9		1780.9	100 hr. inspection completed this date.
				The following work accomplished: removed rudder Assy, disassembled as needed for replacement of 40234TC03 bottom rib, 40230T001 attach angle, MSS1059L4 anchor nuts. All parts reassembled using CHECKS, ANV70 nuts & structural hardware as needed. Lower section: skin chand, sealed, repainted. Vest fin removal, lower rudder attach bracket cleaned & repainted. Installed lower & center rudder hinges attach part pivot bearings. Reinstalled vest fin & rudder using all new attach hardware. Elevators removed; bearings checked & replaced as needed. Reinstalled elevator using all new attach hardware. Horizontal stab inspection cover removed - visually checked main spar attach brackets for security, lower fairings checked security of stab attach bolts to fuselage, struts checked for security, installed new strut to fuselage attach bolts. Installed new right aft section rudder cable, left forward & aft cables and right forward balance cable.

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walk over on L & R wings clean, recoated with
compound. Sunlight panel chief watered removed and
replaced as needed. All panels cleaned. Remainder of
inspection completed in accordance with Agave Suro
Shush Maintenance Manual inspection section. All A/C's
checked and are listed on separate sheets in back of this
log.

TT Statgen SMOH "O"
TT Ice System Meter SMOH "O"
TT prop SMOH 649.4

CERTIFY THAT THIS AIRCRAFT ~~ENGINE~~ HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION
AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME

MECHANIC Ed Rulike A&P327443988

1260.4 620.4 1260.4
TOTAL TIME TOTAL TIME LAST 12 MO. TAC TIME

I CERTIFY THAT THIS AIRCRAFT ~~ENGINE~~ ^{hobbs} ~~has~~ BEEN
INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION
AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME

11/16/01 MECHANIC Kelly Lulen 4154988401A
A&P327443983

1260.4 620.4 1260.4
TOTAL TIME TOTAL TIME LAST 12 MO. TAC TIME

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.)
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3-08-02 Hobbs 1288.4. Remove prop S/W BUA 19104-TTSMOH
666.4 hr. and install prop S/W BUA 22003 -TTSW 1747.5
hr. -TTSTRAN "O" hr. in accordance with Hartzell
Manual #139. Engine ground run - checked for leaks.
See prop log dated 3-1-02 at 8130 for details
the same for work performed.

Ed Rulike A&P327443988

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.)
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attach pivot bearings as needed. checked all grease oil aileron
 attach pivot bearings. Aileron control rods pulled - bearings
 checked all grease. Reassembled flap, aileron, control rods using
 all new hardware. Installed left fuel tank - cleaned oil
 resealed as needed. Installed new fuel tank opening placed
 as needed. checked new oil stroke lights - replace bulbs
 as needed. checked instrument markings and panel placement.
 Instrument lighting checked. Still wiring checked for proper
 function. Wing spar, ribs checked for corrosion, cracks,
 loose fasteners. Electrical wiring, harness checked for security
 and chafing. Electrical system relays, regulator checked
 for security. Main landing gear attach bolts, strut
 attach bolts replaced and lubed. Wheel bearings
 cleaned and repacked. Installed new brake pads L & R.
 Filled fuel filler checked and cleaned. Wing center
 section area visually checked for cleanliness, corrosion,
 wing attach angles checked for cracks and security of

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.)
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fastener. Reinstalled free system air cond drive motor
 per SZ58-003-1 S/N 7988-5 after overhaul - see P130 form
 dated 31 Oct - 2001 - installed new jackshaft bearings and
 new drive belt, in accordance with maintenance manual
 SZ45. Reinstalled overhauled starter, per per SZ58-111 P
 S/N 2232 - see P130 form dated 31 Oct 2001. Prep
 grease, installed new carbon brush installed at prop
 control linkage adjusted as needed. Serviced battery
 with water - charged and checked S. G. each cell. Cleaned
 engine oil filter element - resealed with oil. Installed
 new shoulder harness/seal assy. Lubed pedals and hinges
 checked for security and greased all pivot points. Brake
 master cyl. checked for leaks - tightened filler caps -
 screen system with fluid. Checked fuselage area placed
 and replaced as necessary. Cockpit steps cleaned - visually
 checked for cracks and general condition - repainted and
 recoated with wing walk compound where needed. Wing

DATE 2001 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.)
11-16-01	1260.4		1260.4	100 hr. inspection completed this date. The following work accomplished: removed all inspection covers, gap bands, removable panels. Removed welder assy, cleaned & repainted welder horn at bottom welder panel. Replaced welder attach point pivot bearing upper & lower position - reattached welder assy all new hardware. Checked and lubed elevator pivot bearings. Hoist & vest stabilizers attach points all hardware checked. Removed hoist stab struts all repainted - reattached with all new hardware. Removed tail landing gear at strut assy - cleaned & stopped - repainted & reinstalled using all new attach hardware. Tail gear assy & components checked visually for cracks, elongated holes. Installed new tail wheel housing spindle bearing at rear. Installed new centering springs cleaned & packed tail wheel bearings - checked condition of wheel at tire. Lubed tail wheel lock cable. Installed new gear strut boot & sealed with silicon sealer. Installed

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.)
				Complete L & R welder cables - installed all 4 welder cable pulleys new - rigged cables as per maintenance manual. Replaced cockpit 1/2 balance cables at 2 new pulleys - rigged as per maintenance manual. Removed elevator control torque tubes, bellcranks at idler - replaced bearing ends at pivot bearings as needed - greased remainder. Reassembled control system using all new hardware. Installed spray control linkage, lower fuselage boot. Repaired T boom clamp struts all repainted as needed. Removed fuselage over airline control idler torque rods at tubes - checked & replaced rod end bearings as needed & greased remainder - reassembled using new hardware. Flap control rod end bearing checked - replaced as needed & greased remainder. Reinstalled using new hardware. Checked flap actuator jack screw at drive mechanism for security - tightened all attach hardware - greased jack screw. Removed L & R flaps at airline - checked & replaced flap

DATE 19 <u>99</u>	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.)
9/10	1.1	→		This airplane was flight tested in accordance with FAR 21 <u>152</u> and found to be satisfactory Date <u>9/10/99</u> Cert. # <u>2088280</u> Signature <u>[Signature]</u> N393KW I FIND THAT THE AIRCRAFT MEETS THE REQUIREMENTS FOR THE CERTIFICATION REQUESTED AND HAVE ISSUED A <u>Special (Restricted)</u> AIRWORTHINESS CERTIFICATE DATED <u>20 SEPT 1999</u>. SIGNED <u>[Signature]</u> DMIR NO. <u>ACE-1268</u> Next annual inspection due: <u>20 September 2000</u>

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.)
10-25-99	4.0			Installed Salloc DEPS Guidance system - see 337 This date; Installed private line radio - see 337 This date; Installed Zee system A/c - see 337 This date; weight + balance revised. <u>Steve A. Hall</u> AP587786743
9-15-00	TOTAL	640		All controls checked + lubed; wheels + brakes checked; shock circuits replaced; Tail gear attach bolts replaced; replaced dry boot; battery serviced; replaced lower rudder bearing; C/w A.D. 2000-05-03; For A.D. status, see rear of log. I CERTIFY THAT THIS <u>aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>General</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Steve A. Hall</u> AP587786743IA

Aircraft Record General Information

Manufacturer Ayres Corporation Model SAR-T34
Serial T34-267 Registration Number N393KLW
Date of Manufacture September 1999

Engine(s) currently installed:

Manufacturer Pratt & Whitney Model PT6A-34AG Serial PCE-PH0192
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer Hartzell Propeller, Inc. Model HC-B3TN-3D/T10282N+4
HUB Model HC-B3TN-3D Serial BUA22447 Serial _____
Blade Model T10282N+4 Serial J30950 Serial J30951 Serial J30946
Blade Model _____ Serial _____ Serial _____