

BOOK 2

AIRCRAFT LOG



N39478

AIRCRAFT LOG

THE NEW
PIPER AIRCRAFT, INC.

General Offices at
Vero Beach, Florida
U.S.A.

N39478

Aircraft
Registration number

Part No. 230715

Eagle Aviation, Inc.

Customer Name: DR. STEPHEN H. HUMPHREY

Shop Work Order No. 50754

Reg. No. N39478

Make
PIPER

FAA Certified Repair Station FEHR859D

Model Serial Tech Time Closed
PA32R-T300 32R7885221 2498.80

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O P R Description

- 101 AIRCRAFT STRIPED, SURFACE SANDED, AERO-DYNAMIC FILLER APPLIED. COMPOSITE WORKED, ETCH AND ALODINE. NO REFERENCE CITED.
- 102 AIRCRAFT GREEN PRIMED KNS000 483-675, COMPOSITE FILL PRIMED, FILL PRIMER SANDED. NO REFERENCE CITED.
- 103 AIRCRAFT PAINTED MATTERHORN WHITE 570-535 STRIPE COLORS ARE DARK BLUE TO 10124, AND TAN TP 10117. GEAR IS BASE COLOR 570-535. NO REFERENCE CITED.
- 104 INCOMING INSPECTION COMPLIED WITH, REMOVED CONTROLS, PAINTED CONTROLS, BALANCED CONTROL, AND INSTALLED REQUIRED PLACARDS IAW LANCE SERVICE MANUAL SECTION 4-26, 4-31, 4-32, AND 4-30.
- 105 BRIGHT WORK, DETAIL, PROSEAL CLEAN, READY FOR DELIVERY.
- 106 INSTALLED AND FUNCTIONALLY CHECKED FLIGHT CONTROLS. INSPECTED ALL FLIGHT CONTROL ATTACH POINTS PRIOR TO PANEL INSTALLATION IAW LANCE II SERVICE MANUAL SECTION 4-5, 4-6, 4-8, AND 4-9.

Work Order 50754 Continued on the Next Page

Eagle Aviation, Inc.

FAA Certified Repair Station FEHR859D

Customer Name: DR. STEPHEN H. HUMPHREY

Shop	Work Order	Reg.No.	Make	Model	Serial	Tach Time	Closed
032	50754	N39478	PIPER	PA32R-T300	32R7885221	2498.80	

O P R Description

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107 PERFORMED PRE-DELIVERY INSPECTION PERFORM MAINTENANCE PREFLIGHT, INSTALLED AIRWORTHINESS CERTIFICATE AND INSPECTED INSTALLED PLACARDS.

800 INSTALLED STAINLESS SCREW KIT (TRIM KIT)

801 FLAG ON TAIL APPLIED

802 INSTALLED NEW DOOR SEALS ON ENTRANCE DOOR RIGHT SIDE, ACCESS DOOR RIGHT NOSE, AFT ENTRANCE DOOR.

803 WHEEL WELLS PAINTED MATTERHORN WHITE 570-535.

898 MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER. #50754

DATE: 06/13/2000 SIGNED BY: 
EAGLE AVIATION INC.

FOR
FAA APPROVED REPAIR STATION #FEHR859D

898 2861 AVIATION WAY
WEST COLUMBIA, SC 29170

RETAIN AS PART OF YOUR PERMANENT RECORDS

Eagle Aviation, Inc.

FAA Certified Repair Station FERR859D

Customer Name: DR. STEPHEN H. HUMPHREY

Shop Work Order
031 40980Reg. No.
N39478Make
PIPERModel
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32R7885221Tach Time Closed
2498.80

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O P R Description

- 200 REPAIRED AND PAINTED COMPOSIT MATERIALS TO MATCH INTERIOR.
- 201 INSPECTED AIRCRAFT IAW EAGLES INSPECTION LIST. REMOVED SEATS, SIDEPANELS, PLASTIC WINDOW SHROUDS, HEADLINER AND CARPET. STRIPPED OLD MATERIALS FROM PANELS.
- 202 RECOVERED CABIN SEATS WITH LEATHER STRATOS MOCHA FROM HEMISPHERE INTER. LEATHER MEETS FAR 25.853 (a) APPENDIX F PART I(a)(1)(ii). REFERENCE 8110-3 WORK ORDER #19395-98, TEST ID 8488, PN: 145270.
- 203 RECOVERED HEADLINER WITH EUROSTRETCH #501 FABRIC FROM G.B.S. CURTAINS WITH AFIELD #407501001, TAUPE FROM MMHAWAM. SIDEPANELS WITH LEATHER STRATOS MOCHA FROM HEMISPHERE. MATERIALS MEETS FAR 25.853 (a) APPENDIX F PART I(a)(1)(ii). REFERENCE 8110-3 STRATOS, AFIELD WORK ORDER #19395-98 TEST ID 8488, PN: 145270. REFERENCE 8110-3 EUROSTRETCH #501 WORK ORDER #5601, LOT #12899. REFERENCE 8110-3 AFIELD #407501001, TAUPE WORK ORDER #44351, REFERENCE TREATMENT #44351.
- 204 MEASURED, CUT, SERGED AND RUBBER BACKED CARPET. REINSTALLED CARPET IN AIRCRAFT. CARPET IS HARRIS TWEELED PAMPAS FROM GLEN EDEN WOOL CARPET.

Work Order 40980 Continued on the Next Page

Eagle Aviation, Inc.

FAA Certified Repair Station FEHR859D

Customer Name: DR. STEPHEN H. HUMPHREY

Shop Work Order
031 40980

Reg.No.
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O P R Description

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- 204 CARPET MEETS FAR 25.853 APPENDIX F PART I(a)(1)(ii). REFERENCE 8110-3 TEST REPORT #021500-2, ROLL #12737.
- 205 REINSTALLED COMPLETE INTERIOR IN AIRCRAFT. HEADLINER, SIDEPANELS, WINDOW SHROUDS AND SEATS.
- 207 RECOVERED CREW SEATS WITH LEATHER STRAPOS, MUCHA FROM HEMISPHERE INTER. LEATHER MEETS FAR 25.853 (a) APPENDIX F PART I(a)(1)(ii). REFERENCE 8110-3 WORK ORDER #19395-98, TEST ID 8488, PN: 145270.
- 209 DISASSEMBLED SEATS, PREPPER AND PAINTED SEAT FRAMES TO MATCH INTERIOR. REASSEMBLED SEATS.
- 210 DETAILED AIRCRAFT INTERIOR, REINSTALLED CUSTOMER PROPERTY AND PERFORMED PRE-DELIVERY CHECKLIST.
- 400 REPLACED 2 BLOC-D-LIFT WD #2096/2097 PN: 46337. RETURN TO SERVICE IAW FAR 43.9 REFERENCE 8130-3.
- 401 REPAIRED SIDEPANELS WITH KYDEX FROM COMMERCIAL PLASTIC KYDEX MEETS FAR 25.

Work Order 40980 Continued on the Next Page

Eagle Aviation, Inc.

100 HOUR "INSPECTION" SUMMARY
FAA Certified Repair Station FCHR859D

Customer Name: DR. STEPHEN H. HUMPHREY
Shop Work Order Reg.No. Make
831 40980 N39478 PIPER

Model Serial Tach Time Closed
PA32R-T300 32R7885221 2498.80

No.

O P R Description

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401 853 (a) APPENDIX F PART I(a)(1)(ii), PO #40807, PN: 72309. REFERENCE 8110-3.

402 REPLACED EVAPORATOR FILTER COVER PN:H995 50-02 FILTER COVER IS FROM HEINOL AND ASSOCIATES.

403 REPLACED CUP AIR VENT PN: H68736-00, REPLACED FLOOR RIB COVER PN:H66615-14
REPLACED 6 VENT ASSEMBLY PN: V136-349, REPLACED 1 PAIR SUN VISOR CLIPS.
PN: 484-453. ALL PARTS ARE FROM HEINOL AND ASSOCIATES.

404 REPLACED RADIO COOLING VENT PN: H79404-00, REPLACED FLANGE PN: H65735F
PARTS ARE FROM HEINOL AND ASSOCIATES.

405 REPLACED LOUVER ASSEMBLY PN:68929 00 PART IS FROM KANSAS CITY AVIATION.
REPLACED DECALS, DECALS SET IS FROM HEINOL AND ASSOCIATED PN: DM-4 MULTI.

498 MAINTENANCE RELEASE
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED
ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL
AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT

Work Order 40980 Continued on the Next Page

Eagle Aviation, Inc.

FAA Certified Repair Station FEHR8590

Customer Name: DR. STEPHEN H. HUMPHREY

Shop Work Order Reg.No.
031 40980 N39478

Make
PIPER

Model
PA32R-T300

Serial
32R7885221

Each Time Closed
2498.80

ment

D P R Description

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DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER.
#40980

DATE:06/13/2000 SIGNED BY:

FOR

EAGLE AVIATION INC.

2861 AVIATION WAY

WEST COLUMBIA, SC 29170

FAA APPROVED REPAIR STATION #FEHR8590
RETAIN AS PART OF YOUR PERMANENT RECORDS

Eagle Aviation, Inc.

FAA Certified Repair Station FAK859D

Customer Name: DR. STEPHEN H. HUMPHREY
Shop Work Order Reg.No. Make
025 79464 N39478 PIPER

Model Serial Tach Time Closed
PA32R-T300 32R7885221 2498.80

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O P R Description

- 11 REMOVED AND REPLACED ALL CABIN WINDOWS AND RESEALED IN ACCORDANCE WITH
IP AERO PLASTICS STC# SA 948NE. WEIGHT AND BALANCE AND EQUIPMENT LIST
UPDATED. SEE FORM FAA 337 ON FILE WITH AIRCRAFT RECORDS.
- 12 REMOVED LINES FROM FUEL FLOW INDICATOR AND CHECKED FOR OBSTRUCTIONS AND
NONE NOTED. RECONNECTED. OPS AND LEAK CHECKED GOOD.
- 13 INSTALLED MODEL 2025 TURBO ALTERNATOR SYSTEM IN ACCORDANCE WITH
STC# SA 01064AT USING INSTALLATION MANUAL 80-2125-010 DATED SEPT. 25, 1995
WEIGHT AND BALANCE AND EQUIPMENT LIST UPDATED. SEE FAA FORM 337 ON FILE
WITH AIRCRAFT RECORDS.
- 14 REPLACED DEFECTIVE BAGGAGE DOOR LIGHT SWITCH WITH PN:37939-002
OPS CHECKED GOOD.
- 15 REPLACED LEFT HAND FORWARD STABILIZER TRIM CABLE PN:62701-135 AND RIGHT
HAND CABLE FORWARD PN:MC62701-041 IN ACCORDANCE WITH PIPER SERVICE
(LANCE II) CHAPTER 5.
- 16 SERVICED AIR-CONDITIONER WITH R-12 FREON AS REQUIRED.

Work Order 79464 Continued on the Next Page

Eagle Aviation, Inc. COMPLIANCE WITH FAA APPROVED REPAIR STATION #FERR8590

Customer Name: DR. STEPHEN H. HUMPHREY
Shop Work Order Reg. No. Make
025 79464 N39478 PIPER

Model Serial Tach Time Closed
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le No.

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MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER. #79464

DATE: 06/13/90

SIGNED BY:

EAGLE AVIATION INC.

2861 AVIATION WAY

WEST COLUMBIA, SC 29170

FOR
FAA APPROVED REPAIR STATION #FERR8590
RETAIN AS PART OF YOUR PERMANENT RECORDS

Customer Name: DR. STEPHEN H. HUMPHREY
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REMOVED DAVID CLARK INTERCOM MODEL 500, SN:1092010, AND COLLINS AUDIO PANEL/MARKER BEACON RECEIVER, MODEL AMR-350, PN: 622-2087-016, SN: 6688. INSTALLED GARMIN GMA 340 AUDIO PANEL/MARKER BEACON RECEIVER/INTERCOM. PN:011-00401-10, SN: 96252094. PERFORMED COMPLETE GROUND TEST. ALL FUNCTIONS NORMAL. SEE FAA FORM 337 DATED 6/13/00. WEIGHT AND BALANCE AND EQUIPMENT LIST HAVE BEEN UPDATED. INSTALLED AND TESTED IN ACCORDANCE WITH GARMIN GMA 340 MAINTENANCE AND INSTALLATION MANUAL, PN: 190-00149-01. REVISION E, DATED JULY, 1999.

520

REMOVED ARNAV FMS-5000 LORAN RECEIVER, PN: 453-1055-00, SN: 072056; LORAN ANTENNA, PN: 453-0130-00, SN: 013787; FOSTER RNAV 511H. RNAV COMPUTER, PN: 805D0206, SN: 1768, FOSTER DME ADAPTER, PN: 804B0105, SN: 968; FOSTER STEERING ADAPTER, PN: AD80550250, SN: 1648, COLLINS VIR-351 NAV RECEIVERS (2 EACH), PN: 622-2080-011, SN: 21206 AND 21292; COLLINS VHF-251 VHF COMMS (2 EACH) PN: 622-2078-001, SN: 14708 AND 14640; COLLINS GLS-350 GLIDESLOPE RECEIVER, PN: 622-2084-001, SN: 6997; AND COLLINS IND-350 NAVIGATION INDICATOR, PN: 622-2082-003, SN: 5803. INSTALLED 2 GARMIN GNS 430 GPS/NAV/COM/GS TRANSCEIVERS, PN: 011-00280-00, SN: 96306498 AND 96306510; 2 GARMIN GA-56 GPS ANTENNAS, PN: 011-00134-00, SN: 59042954 AND 59042948; AND GARMIN/MID CONTINENT GI-106A NAVIGATION

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Customer Name: DR. STEPHEN H. HUMPHREY

Shop Work Order Reg.No.

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520 INDICATOR, PN: 013-00049-01, SN: A20106, REPLACED EXIST NAVIGATION AND GLIDESLOPE COUPLERS OF UNKNOWN ORIGIN WITH COMANT CI-502 VOR COUPLER, NSN AND CI-503, SN: 99122 GLIDESLOPE COUPLER. PERFORMED COMPLETE GROUND TEST. SYSTEM INSTALLED AND TESTED IN ACCORDANCE WITH GARMIN GNS-400 SERIES INSTALLATION MANUAL, PN: 190-00140-02, REVISION F, DATED OCTOBER 1999 AND GI-102A/106A INSTALLATION MANUAL, PN: 190-00180-00, REVISION B, DATED JULY 1999. INSTALLED 2 AMERKING AK550-6 POWER BOOSTERS, PN: 013-00051-00, SN: 470664 AND 479834 IN ACCORDANCE WITH AMERKING AK550-6 REGULATED DC TO DC POWER BOOSTER CONVERTER INSTALLATION AND OPERATION MANUAL, PN: IM-550, UNDATED ORIGINAL ISSUE. WEIGHT AND BALANCE AND EQUIPMENT LIST UPDATED. SEE FAA FORM 337 DATED 6/13/00

530 REMOVED COLLINS TDR 950 TRANSPONDER, PN: 622-2092-001, SN: 7781 AND ANTENNA, PN: AND SN: UNKNOWN. INSTALLED BENDIX/KING KT-76C TRANSPONDER, PN: 066-01156-0101, SN: 9696 AND KA60 L BAND ANTENNA, PN: 071-01591-0001, NSN. SYSTEM INSTALLED IN ACCORDANCE WITH BENDIX/KING KT-76C INSTALLATION MANUAL, PN: 006-10545-0001, REVISION 1, DATED DECEMBER 1999. SEE FAA FORM 337 DATED 6/13/00. SEE SQUAWK 600 FOR CERTIFICATION.

540 REMOVED COLLINS RCR-650 ADF RECEIVER, PN: 622-2091-001 SN: 7080; ANT-650A

Work Order 12931 Continued on the Next Page

Dayle Aviation, Inc.

FAA Certified Repair Station FAK0002

Customer Name: DR. STEPHEN H. HUMPHREY
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PA32R-T300 32R7885221 2498.80

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- 540 ADF ANTENNA, PN: 622-3586-001, SN: 6885; IND-650 INDICATOR, PN: 622-2536-001, SN: 6960. INSTALLED BENDIX/KING KR 87 ADF SYSTEM IN VACATED MOUNTING LOCATIONS. BENDIX/KING KR87 ADF RECEIVER, PN: 066-01072-0014, SN: 69864; KA 44B ADF ANTENNA, PN: 071-01234-0000, SN: 72832; KI227, PN: 066-01156-0001, SN: 47173. PERFORMED COMPLETE OPERATIONAL TEST AND COMPLETED INSTALLATION IN ACCORDANCE WITH BENDIX/KING KR87 ADF SYSTEM INSTALLATION MANUAL, PN: 006-00184-0005, DATED DECEMBER 1996. WEIGHT AND BALANCE AND EQUIPMENT LIST UPDATED. SEE FAA FORM 337 DATED 6/13/00
- 550 REMOVED NARCO DME 195 INTERROGATOR, SN: 10292; DME-195 INDICATOR, SN: 11200, AND DME ANTENNA, PN: VDA-3, NSN. INSTALLED BENDIX/KING KN-64 DME RECEIVER/TRANSMITTER, PN: 066-1088-01, SN: 31117; AND KA 60 L-BAND ANTENNA, PN: 071-01591-0001, NSN. INSTALLED NAV 1/NAV 2 CHANNELLING SELECT SWITCH ON INSTRUMENT PANEL ABOVE RIGHT RADIO STACK FOR SELECTION OF REMOTE CHANNELLING SOURCE. PERFORMED COMPLETE FUNCTIONAL TEST AND COMPLETED INSTALLATION IN ACCORDANCE WITH BENDIX/KING KN-62/61A/64 DME SYSTEM INSTALLATION MANUAL, PN: 006-00144-0006, DATED APRIL 1997. SEE FAA FORM 337 DATED 6/13/00. WEIGHT AND BALANCE AND EQUIPMENT LIST UPDATED.

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PROPELLER

OVER

Eagle Aviation, Inc.

FAA Certified Repair Station FAKK8394

Customer Name: DR. STEPHEN H. HUMPHREY

Shop	Work Order	Reg.No.	Make	Model	Serial	Tach Time	Closed
C26	12931	N39478	PIPER	PA32R-T300	32R7885221	2498.80	

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- 560 REMOVED AIRSPEED INDICATOR PN:8125, SN:70938. SENT UNIT TO MID-CONTINENT FOR OVERHAUL. INSTALLED OVERHAULED UNIT UPON RETURN. FUNCTIONAL TEST GOOD. SEE SQUAWK 580 FOR STATIC SYSTEM CERTIFICATION.
- 570 COMPLIED WITH ALTIMETER SYSTEM TEST AND INSPECTION IN ACCORDANCE WITH FAR 91.411 APPENDIX E PART 43 ALTIMETER P/N:5934P-1A.83 S/N:A366
- 580 COMPLIED WITH STATIC SYSTEM TEST IN ACCORDANCE WITH FAR 91.411 APPENDIX E PART 43
- 590 COMPLIED WITH CORRELATION TEST IN ACCORDANCE WITH FAR 91.411 APPENDIX E PART 43
- 600 COMPLIED WITH ATC TRANSPONDER TEST IN ACCORDANCE WITH FAR 91.411 APPENDIX F PART 43. NEW TRANSPONDER. INSTALLED BENDIX/KING KT 76C RECIEVER/TRANSMITTER P/N:066-01156-0101 S/N:9696 SEE SQUAWK 530.
- 620 INSTALLED DAVTRON 3 FUNCTION GAUGE P/N:303-1 S/N:21283 IN LOCATION VACATED BY REMOVAL OF DAVID CLARK INTERCOM SQUAWK 510. FUNCTIONAL CHECKED GOOD IN ACCORDANCE WITH DAVTRON INSTALLATION AND OPERATION DOCUMENT

Work Order 12931 Continued on the Next Page

OVERHAULS

PROPELLER

K8590

Closed

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CONTINENT
TEST

2 WITH PAM

APPENDIX 2

PENDIX 2

1 APPENDIX

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AL CHECKED
MENT

Eagle Aviation, Inc.

FAA Certified Repair Station PERK8590

Customer Name: DR. STEPHEN H. HUMPHREY
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620 NPN, ORIGINAL EDITION

630 REMOVED MITCHELL: PITCH SERVO PN:1C508-2-529P, SN:8096A, ROLL SERVO
 PN:1C363-1769R, SN:26350A, AUTOPILOT COMPUTER PN:1C515-1, SN:6841E,
 AUTOPILOT CONTROL PN:1D720, SN:3203, NAV COUPLER PN:1C388-3, SN:780. AIR
 DATA UNIT PN:1C535-1, SN:4325L, SERVO MOUNT PN:1C725, NO SN, PITCH TRIM
 SERVO PN:1C373-6-677, SN:5815, GLIDSCOPE COUPLER PN:1C493, SN:10578E,
 PITCH TRIM AMPLIFIER PN:1C709-16, SN:10046F. SENT PARTS TO AUTOPILOT
 CENTRAL FOR REPAIR. INSTALLED REPAIRED UNITS.

640 REMOVED 2 COMM ANTENNAS PN:DMC70-1, SN:10377-9999. INSTALLED NEW ANTENNA
 PN:DMC70-1A, SN:31577 AND 31576. REMOVED CORRODED NAV ANTENNA AND
 INSTALLED REPLACEMENT COMANT NAV ANTENNA, PN:CI-157P, SN:0001559. REMOVED
 DAMAGED MARKER BEACON ANTENNA PN:CI-102, SN:00015401. REPLACED DEFECTIVE
 AND ERRODED GLIDSCOPE ANTENNA PN:CI-104 WITH NEW PART. NO SN.

650 DISCONNECTED AVIONICS EQUIPMENT FROM MAIN BUS AND INSTALLED 50 AMP CIRCUIT
 BREAKER SWITCH AS AN AVIONICS MASTER. CONNECTED RAM AIR TURBINE WIRING
 AS REQUIRED FOR INSTALLATION BY MAINTENACE DEPARTMENT. SEE WORK ORDER
 #79464.

Work Order 12931 Continued on the Next Page

AIRCRAFT LOG

Eagle Aviation, Inc.

FAR Certified Repair Station #FMR8597

Customer Name: DR. STEPHEN H. HUMPHREY

Shop Work Order Reg.No.

Make

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12931

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670

REMOVED DIMMER MODULE, FOUND DEFECTIVE SWITCH RHEOSTAT. REPLACED RHEOSTAT AND RE-INSTALL MODULE. INSTALLED MODULE. SYSTEM TESTED GOOD.

698

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER.

#12931

DATE: 6/12/00

SIGNED BY:

FOR

EAGLE AVIATION INC.

FAR APPROVED REPAIR STATION #FMR8597

2861 AVIATION WAY

RETAIN AS PART OF YOUR PERMANENT RECORDS

WEST COLUMBIA, SC 29172

Total To
Carry Forward



Registration No. _____

EMR8592

2 Closed

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VED RHEOSTAT

IDENTIFIED
FEDERAL
PERTINENT
ORDER NUMBER.

FOR
#FEHR8592
ANENT RECORDS

and Remarks

Signature

Certificate No.

I certify that the altimeter and static system tests and inspection required by FAR 91.411 have been performed. The altimeter(s) per Para (A) and (B) App E FAR 43

LH Make United Model 5934P
S/N A366 has been tested to 20,000 feet.

RH Make _____ Model _____
S/N _____ has been tested to _____ feet.

Altitude Reporting System tested to 20,000 ft.

per Para (C) App E FAR 43

Date 6/1/00 Auth. Sign. [Signature]

EAGLE AVIATION, INCORPORATED 2961 AVIATION WAY
COLUMBIA METROPOLITAN AIRPORT, WEST COLUMBIA, SC 29169
FAA APPROVED REPAIR STATION NO. FEHR859D WO # 12931

Customer Name: DR STEPHEN H. ROSENBERG
Shop Work Order
025 79954

Model Serial
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SERVICED LEFT AND RIGHT MAIN LANDING GEAR TO PROPER LEVELS IN ACCORDANCE WITH PIPER LANCE II SERVICE MANUAL SECTION II PARAGRAPH 2-40 AND 2-41.

CHANGED 2 BURNT BULBS IN COCKPIT READING AND MAP LIGHTS

RE-INSTALLED DOOR SEAL ON CO-PILOT'S DOOR. OPR CHECKED DOOR IN ACCORDANCE WITH PIPER PA-32R-T300 SERVICE MANUAL SECTION I

MAINTENANCE RELEASE
THE AIRCRAFT AIRFRAME AIRCRAFT ENGINE PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER #79954

DATE: 7/7/00 SIGNED BY:
EAGLE AVIATION INC
2861 AVIATION WAY
WEST COLUMBIA, SC 29120

FOR APPROVED REPAIR STATION #FERRB59D
REMAIN AS PART OF YOUR PERMANENT RECORDS

Total To
Carry Forward

Customer Name: DR. STEPHEN H. HUMPHREY

Shop Work Order Reg.No.

Make

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026

13114

N39478

PIPER

PA32R-T300 32R7885221

2509.60

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510 REMOVED PILOTS PLASTIC PANE AND PILOTS YOKE PLASTIC PANEL. CUT NEW PANELS TO FIT. INSTALLED NEW PLASTIC PANELS IN REFERENCE TO PIPER PA32RT MAINTENANCE MANUAL.

520 REPLACED AIRCRAFT FLOOD LIGHTS PN:GE 1414 IN REFERENCE TO PIPER PA32RT MAINTENANCE MANUAL.

598 MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER. #13114

DATE:07/12/00

SIGNED BY:

EAGLE AVIATION INC.

2861 AVIATION WAY

WEST COLUMBIA, SC 29170

FOR
FAA APPROVED REPAIR STATION #F4000370
RETAIN AS PART OF YOUR PERMANENT RECORDS

Eagle Aviation, Inc.

FAA Certified Repair Station FAKK0000

Customer Name: Warranty-Miscellaneous

Shop Work Order- Reg.No.

026

13110

N39478

Make

PIPER

Model

PA32RT-300 32R7885221

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O P R Description

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510 #2 UNITS DATABASE WOULD NOT LOAD INTO UNIT. ANOTHER DATABASE WAS TRIED AND CHECKED OK. ORDERED AND INSTALLED WARRANTY EXCHANGE DATABASE.

520 SENT GN5430 PN:011-00280-00, SN:96306510 OUT FOR REPAIR. INSTALLED LOANER UNIT GN5430 PN:011-00280-00, SN:96306498. BENCH AND AIRCRAFT OPS CHECKED OK REFERENCE MAINTENANCE MANUAL PN:190-00140-02 REV. F.

530 COMPLIED WITH GARMIN SB 0007 TO GARMIN UNIT GN5430 PN:011-00280-00, SN:96306498. BENCH AND AIRCRAFT OPS CHECKED OK REFERENCE GARMIN MANUAL PN:190-00140-02 REV F.

540 INSTALLED GPS RECEIVER PN:011-00280-00, SN:96306510. REMOVED LOANER UNIT PN:011-00280-00, SN:96306498. UNIT GROUND CHECKED OK. REFERENCE MAINTENANCE MANUAL PN:190-00140-02 REV. F.

598 MAINTENANCE RELEASE
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER.

Work Order 13110 Continued on the Next Page

Total To				
Carry Forward				

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NUMBER.

Eagle Aviation, Inc.

Customer Name: Warranty-Miscellaneous
Shop Work Order Reg.No. Make
026 13110 N39478 PIPER

FAA VERIFIED REPAIR STATION #FHR059D

Model Serial Tach Time Closed
PA32RT-300 32R7885221 2509.60

O P R Description

Page 2

No.

598

#13110

DATE:07/12/00

SIGNED BY:

EAGLE AVIATION INC.

2861 AVIATION WAY

WEST COLUMBIA, SC 29170

FOR
FAA APPROVED REPAIR STATION #FHR859D
RETAIN AS PART OF YOUR PERMANENT RECORDS

Customer Name: DR. STEPHEN H. HUMPHREY

Shop Work Order Reg.No.
026 13202 N39478Make
PIPERModel
PA32R-T300Serial
32R7885221Tach Time Closed
2547.59

O P R Description

Page 1

ince

510 GROUND CHECKED. ALTITUDE HOLD CAUSES AUTOPILOT TO CLIMB. CANNOT ADJUST. REMOVED AIR DATA UNIT IC535-1, SN:4325C. SENT OUT FOR REPAIR. REINSTALLED AIR DATA UNIT K535-1 SN:4325C AFTER REPAIR. OPS CHECKED AUTOPILOT SYSTEM SYSTEM CHECKED GOOD IN ACCORDANCE WITH CENTURY AUTOPILOT MAINTENANCE MANUAL.

520 REMOVED STORMSCOPE WX-900 DISPLAY 78-8060-5960-2, SN:FNP01301490. SENT OUT FOR REPAIR. RECEIVED UNIT BACK FROM FACTORY REPAIR. REINSTALLED UNIT INTO AIRCRAFT. GROUND OPS CHECKED OK REFERENCE WX-900 INSTALLATION MANUAL PN:78-8060-6104-6 REVISION B.

530 REMOVED #1 GNS 430 PN:011-00280-00, SN:96306498 AND #2 GNS 430 PN:011-00280-00, SN:96306510. VERIFIED #2 GNS 430 HAS MAIN SOFTWARE VERSION 2.16 AND GPS SOFTWARE VERSION 2.06 INSTALLED. UPDATED #1 GNS 430 MAIN SOFTWARE FROM VERSION 2.15 TO VERSION 2.16 IN ACCORDANCE WITH GARMIN SERVICE BULLETIN #0004. UPDATED #1 GNS 430 GPS SOFTWARE FROM VERSION 2.05 TO VERSION 2.06 IN ACCORDANCE WITH GARMIN SERVICE BULLETIN #0009.

598

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED

Work Order 13202 Continued on the Next Page

Total To Carry Forward				

Eagle Aviation, Inc.

FAA Certified Repair Station FFA00390

Customer Name: DR. STEPHEN H. HUMPHREY
 Shop Work Order Reg.No. Make
 026 13202 N39478 PIPER

Model Serial Tach Time Closed
 PA32R-T300 32R7885221 2547.59

O P R Description

Page 2

598

ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER. #13202

DATE: 08/28/00 SIGNED BY: *David B. Griffith*
 EAGLE AVIATION INC.
 2861 AVIATION WAY
 WEST COLUMBIA, SC 29170

FOR
 FAA APPROVED REPAIR STATION #FEHR859D
 RETAIN AS PART OF YOUR PERMANENT RECORDS

DATE: 11-01-00

HOBBS: 2553.1

TACH: 2561.6

REPLACED AIRCRAFT BATTERY, G-35 S/N G01880311 WITH 3 QTS. OF ACID.

SIGNATURE:

David B. Griffith

DAVID B. GRIFFITH A&P 263157315

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
02-21-01	Tach 2592.04 opened all panels, Inspected and Lubed as needed. Checked Lites, tires and Battery. Replaced both Brake Disc's and all Brake Linings. Replaced ELT Battery, good until March 2003. Checked Fuel door per AD 78-23-01 AD 96-10-03 Flap bolt was P/C/w 2-18-97. ADs checked thru this date. This Aircraft has been Inspected per an Annual Inspection, Found to be airworthy, and is approved for return to Service. Dad C. Buffin 263157315 IA			
Total To Carry Forward				

Registration No. _____

Maintenance

Signature

Certificate No.

AIRFRAME ENTRY

Reg N: N39478 Make: PIPER Model: PA32RT-300 Serial: 32R-7885221 Tach Time: 2587.1

1. #1 GARMIN GNS430 P/N 011-00280-00 S/N 96306498, #2 GARMIN GNS430 P/N 011-00280-00 S/N 96306510. COMPLIED WITH GARMIN SERVICE BULLETIN 0020 OF WHICH UPDATES MAIN SOFTWARE TO VERSION 2.20. COMPLIED WITH GARMIN SERVICE BULLETIN 0021 OF WHICH UPDATES GPS SOFTWARE TO VERSION 2.08. AIRCRAFT GROUND OPS CHECKED UNIT, REFERENCEING GARMIN 400 SERIES INSTALLATION MANUAL REV. H.

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLICANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER #13511.

DATE: 1/23/2001
EAGLE AVIATION INC
2861 AVIATION WAY
WEST COLUMBIA, SC 29170

SIGNED BY:

Jack Aron FOR
FAA APPROVED REPAIR STATION #FEHR859D
RETAIN AS PART OF YOUR PERMANENT RECORDS

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
3-1-02	Tach 2714.8	opened panels, Inspected and lubed controls, Jacked A/c, cleaned and repacked wheel bearings. Checked landing gear thru several retraction cycles, checked Lites, tires and Brakes. Serviced battery with water.		
	Repacked ^{msk} Replaced both Hornt. Stab. tips with new tips. Bleed brakes on capilot's side.			
	Drilled out Rivet that leaking in L Inbd Fuel cell. Installed new rivet with sealant. Serviced Fuel tank, no leaks noted. lubed heater and defrost cables.			
	A/c checked thru this date. This aircraft has been Inspected per an Annual Inspection, found to be airworthy and is approved for return to service. Dad B. Puffer			
		FA 263157315		
				cfu AD 78-23-01 Fuel drain clear
Total To Carry Forward				

Registration No. _____

Maintenance

AIRFRAME ENTRY

Reg: N39478 Make: PIPER Model: PA-32RT-300 Serial No: 32R-7885221 Meter Time: 2726.92

1. COMPLIED WITH ALTIMETER TEST I/A/W FAR 91.411 AND PART 43 APPENDIX E. UNITED INSTRUMENT P/N 5934P S/N A366.
2. REMOVED TRANSPONDER KT 76C, P/N 066-01156-0101 S/N 9696. BENCH TESTED, ALIGNED AND ADJUSTED PER MANUFACTURER SPEC'S. REINSTALLED AND COMPLIED WITH TRANSPONDER TEST I/A/W FAR 91.413 AND PART 43 APPENDIX F.
3. COMPLIED WITH CORRELATION TEST I/A/W FAR 91.411 AND PART 43 APPENDIX E.
4. COMPLIED WITH STATIC SYSTEM TEST I/A/W FAR 91.411 AND PART 43 APPENDIX E.
5. AIRCRAFT OPS CHECKED UNIT SEEMED TO BE SECURE IN RACK. WAS ABLE TO BACK UNIT OUT SLIGHTLY TO CAUSE SIGNAL LEVELS FOR GPS TO DROP. WAS ONLY ABLE TO DUPLICATE THIS A FEW TIMES. AFTER UNIT WAS UPDATED, REF: WO # 14395. TROUBLESHOT ANTENNA SYSTEM FOR #1 GPS. REAR BNC COAX CONNECTION (SHIELD) WAS LOOSE. REPLACED CONNECTOR. CHECKED ANTENNA CONNECTOR. THE SHIELD CONNECTION WAS LOOSE ON IT ALSO. REPLACED CONNECTOR. RETESTED UNIT AND OPS CHECKED OK. FOR TROUBLESHOOTING SYSTEM IN FLIGHT OVER SEVERAL FLIGHT CONDITIONS. GARMIN UNITS WERE SWAPPED. S/N 96306498 IS NOW IN THE #2 LOCATION. S/N 96306510 IS NOW IN THE #2 LOCATION. UNITS WERE RESET AND OBS CALIBRATION PERFORMED. REF: GARMIN 400 SERIES INSTALLATION MANUAL.

AIRCRAFT LOG

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER #14391.

DATE: 6/12/02

SIGNED BY:

FOR
FAA APPROVED REPAIR STATION #FEHR859D
RETAIN AS PART OF YOUR PERMANENT RECORDS



EAGLE AVIATION, INC.
2861 AVIATION WAY
WEST COLUMBIA, SC 29170

DATE: 08-21-2002

TACH: 2758.0

REPLACED BOTH MAIN TIRES - LH & RH (FLIGHT CUSTOM III - 600 X 6 X 8 PLY)
REPLACED LANDING LIGHT (4509)

SIGNATURE:

Paul B. Luffin A/P 263157315

To.

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FOR
EHR859D
RECORDS


TACH: 2758.0

600 X 6 X 8 PLY)

Registration No.

I certify that the altimeter and static system tests and inspection
Required by FAR 91.411 have been performed. The altimeter (s) per
Para (A) and (B) App E FAR 43

LH Make	UNITED	Model	5934P
S/N	A366	has been tested to	20,000 Feet
RH Make	N/A	Model	N/A
S/N	N/A	has been tested to	N/A Feet
Altitude Reporting System tested to	20,000 Feet		
Per Para C App E FAR 43.			

Date: 6/12/02 Auth. Sign: 
EAGLE AVIATION, INCORPORATE 2861 AVIATION WAY
COLUMBIA METROPOLITAN AIRPORT, WEST COLUMBIA, SC 29170
FAA APPROVED REPAIR STATION NO. FEHR859D WO# 14391

I certify that transponder Make BENDIX/KING
Model KT 76C S/N 9696
and system has been tested and inspected and found
to comply with the requirements of FAR 91.413.

W.O. # 14391 Date 6/12/2002

Approved By: 

For: EAGLE AVIATION, INC
2861 AVIATION WAY
COLUMBIA METROPOLITAN AIRPORT
WEST COLUMBIA, SOUTH CAROLINA 29170
FAA APPROVED REPAIR STATION NO. FEHR859D

ate No.

AIRCRAFT LOG

AIRFRAME ENTRY

Reg: N39478 Make: PIPER Model: PA-32RT-300 Serial No: 32R-7885221 Meter Time: 2726.92

1. REMOVED #1 GARMIN GNS 430, P/N 011-00280-00 S/N 96306498 MOD 1. COMPLIED WITH GARMIN SB 0205 PF WHICH UPDATED MAIN SOFTWARE FROM 2.20 TO 2.25. COMPLIED WITH GARMIN SB 0204 OF WHICH UPDATED GPS SOFTWARE FROM 2.08 TO 2.11. REMOVED #2 GARMIN GNS 430, P/N 011-00280-00 S/N 96306510 MOD 1. COMPLIED WITH GARMIN SB 0205 OF WHICH UPDATED MAIN SOFTWARE FROM 2.20 TO 2.25. COMPLIED WITH GARMIN SB 0204 OF WHICH UPDATED GPS SOFTWARE FROM 2.08 TO 2.11. REINSTALLED UNITS IN AIRCRAFT. OPERATIONS OPS CHECKED OK. REF: GARMIN 400 SERIES INSTALLATION MANUAL.

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER #14395.

DATE: 6/12/02

SIGNED BY:

Jack A. Denon
FAA APPROVED REPAIR STATION #FEHR859D
RETAIN AS PART OF YOUR PERMANENT RECORDS



EAGLE AVIATION, INC.
2861 AVIATION WAY
WEST COLUMBIA, SC 29170

Total to
Carry Forward



AIRFRAME ENTRY

Reg: N39478 - Make: PIPER Model: PA-32RT-300 Serial No: 32R-7885221 Tach Time: 2885.2

1. REPLACED AFT CABIN DOOR SEAL P/N 19063-002 IN ACCORDANCE WITH PIPER PA-32RT300 MAINTENANCE MANUAL CHAPTER 52.
2. COMPLIED WITH TOUCH-UP AND PAINT USING CUSTOMER SUPPLIED PAINT. WORK PERFORMED IN ACCORDANCE WITH STANDARD INDUSTRY PRACTICES.

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER #83479.

DATE: 10/28/03

SIGNED BY:

Jack Bauer

FOR



EAGLE AVIATION INC
2861 AVIATION WAY
WEST COLUMBIA, SC 29170

FAA APPROVED REPAIR STATION #FEHR859D
RETAIN AS PART OF YOUR PERMANENT RECORDS

Total To Carry Forward				
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AVIONICS ENTRY

Reg: N39478

Make: PIPER

Model: PA-32RT-300

Serial No: 32R-7885221

Tach Time: 2885.2

1. REMOVED ALL SERVOS: ROLL SERVO P/N 1C363-1-269R S/N 26350A, PITCH SERVO P/N 105084-529P S/N 8096A, TRIM SERVO P/N 1C3736-677 S/N 5815, AUTOPILOT COMPUTER P/N 105154 S/N 6841B, RADIO COUPLER P/N 1C388-3 S/N 780, CONTROL HEAD P/N 1D720 S/N 3203, ALTITUDE CHAMBER P/N 1C535-1 S/N 4325C ALL UNITS SENT OUT FOR REPAIR. RECEIVED UNITS FROM REPAIR AND RE-INSTALLED IN AIRCRAFT. AUTOPILOT SYSTEM GROUND CHECKS GOOD. WORK PERFORMED IN REFERENCE TO CENTURY III MAINTENANCE MANUAL.

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER #15206.

DATE: 10/28/03

SIGNED BY:

FOR

**EAGLE AVIATION INC****2861 AVIATION WAY****WEST COLUMBIA, SC 29170**

FAA APPROVED REPAIR STATION #FEHR859D
RETAIN AS PART OF YOUR PERMANENT RECORDS

00-012-900

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
3-17-04	Tach 2925.9			opened panels and inspected flight controls as needed. Replaced A/CFT battery with new G.I. 6-35 battery, checked Lites, and tires. cleaned and repacked wheel Bearings. cycled landing gear thru several cycles. (ELT checked per FAR 91.207D). Battery good until April 2005. A.D.s checked thru this date. This aircraft has been inspected per an Annual, found to be airworthy and is approved for return to service. Doc/B. Affan FA263573U
Total To Carry Forward				

Maintenance

controls as needed

fuel lines, and

landing gear

is. Battery good

This aircraft

is fully and is

A26315735

AIRFRAME ENTRY

Reg: N39478

Make: PIPER

Model: PA-32RT-300

Serial No: 32R-7885221

Tach Time: 2977.4

ate No.

1. **COMPLIED WITH TRANSPONDER CERTIFICATION.** TRANSPONDER BENDIX/KING KT-76C P/N 066-01156-0101 S/N 9696. CERTIFICATION IN ACCORDANCE WITH FAR 91.413 AND FAR PART 43 APPENDIX (F).
2. **COMPLIED WITH ALTIMETER CERTIFICATION.** ALTIMETER UNITED INSTRUMENTS P/N 5934P-1 S/N A366. CERTIFICATION IN ACCORDANCE WITH FAR 91.411 AND FAR PART 43 APPENDIX (E).
3. **COMPLIED WITH CORRELATION TEST** IN ACCORDANCE WITH FAR 91.411 AND FAR PART 43 APPENDIX (E).
4. **COMPLIED WITH STATIC SYSTEM CERTIFICATION** IN ACCORDANCE WITH FAR 91.411 AND FAR PART 43 APPENDIX (E).

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER #15795.

DATE: 8/16/04

SIGNED BY:



EAGLE AVIATION INC

2861 AVIATION WAY

WEST COLUMBIA, SC 29170

FOR
FAA APPROVED REPAIR STATION #FHR859D
RETAIN AS PART OF YOUR PERMANENT RECORDS

AIRCRAFT LOG

AVIONICS ENTRY

Reg: N39478 Make: PIPER Model: PA32RT-300 Serial No: 32R-7885221 Tach Time: 2982.19

1. **REMOVED THE FOLLOWING EQUIPMENT:** NARCO AR-500 ALTITUDE ENCODER S/N 17091; BFGOODRICH WX-900 STORMSCOPE ANTENNA, P/N 78-8060-5970-1 S/N FNA06201397; AND BFGOODRICH WX-900 STORMSCOPE DISPLAY/PROCESSOR, P/N 78-8060-5960-2 S/N FNP01301490. BAGGED & STOWED WX-900 STORMSCOPE CONNECTORS.
2. COMPLIED WITH ENGINEERING AS REQUIRED.
3. FABRICATED WIRING HARNESS. ROUTED HARNESS, CLAMPED & TIED AS NECESSARY.
4. **INSTALLED THE FOLLOWING EQUIPMENT:** GOODRICH WX-500 STORMSCOPE PROCESSOR, P/N 805-11500-001 S/N 86098; GOODRICH WX-500 STORMSCOPE ANTENNA, P/N 805-10930-001 S/N 86123; WSI INFLIGHT WEATHER SYSTEM RECEIVER, P/N 305391-000 S/N 1329; WSI INFLIGHT WEATHER SYSTEM ANTENNA, P/N 305394 S/N 3061174; GARMIN AT MX-20 MULTIFUNCTION DISPLAY, P/N 430-0270-502 S/N 26000388; TRANS-CAL INDUSTRIES SSD120-30A-RS232 ALTITUDE ENCODER, S/N SRA9668. FUNCTION TESTED STORMSCOPE SYSTEM, REF: GOODRICH/L3 WX-500 INSTALLATION MANUAL. FUNCTION TESTED WSI INFLIGHT WEATHER SYSTEM, REF: WSI INFLIGHT INSTALLATION MANUAL. FUNCTION TESTED GARMIN MX-20, REF: GARMIN AT MX-20 INSTALLATION MANUAL. ALL SYSTEMS CHECKED GOOD. PERFORMED STATIC SYSTEM LEAK CHECK IN ACCORDANCE WITH FAR 91.411 AND PART 43 APPENDIX E. PERFORMED CORRELATION CHECK IN ACCORDANCE WITH FAR 91.411 AND PART 43 APPENDIX E. ALTITUDE REPORTING & STATIC SYSTEMS CHECKED GOOD. THE WX-500 STORMSCOPE WAS INSTALLED AS A MINOR ALTERATION REPLACING THE REMOVED WX-900 STORMSCOPE SYSTEM. FOR DETAILS ON THE INSTALLATION OF THE MX-20 SEE FAA FORM 337 DATED 10/6/04. FOR DETAILS OF THE INSTALLATION OF THE WSI AV200 SYSTEM SEE FAA FORM 337 DATED 10/6/04. ALL

Total To
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ORMSCOPE
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SYSTEMS OPS CHECKED GOOD. THE WEIGHT & BALANCE AND EQUIPMENT LIST HAS BEEN UPDATED.

5. REMOVED THE FOLLOWING EQUIPMENT AND SENT OUT FOR BENCH CHECK & REPAIR. EDO-AIRE ALTITUDE CONTROLLER, P/N 1C535-1 S/N 4325C; EDO-AIRE ROLL SERVO, P/N 1C363-1-269R S/N 26350A; EDO-AIRE PITCH SERVO, P/N 1C508-1-529P S/N 8096A; EDO-AIRE TRIM SERVO, P/N 1C373-6-677 S/N 5815; EDO-AIRE TRIM AMP, P/N 1C709-16 S/N 10046F; EDO-AIRE AUTOPILOT COMPUTER, P/N 1C515-1 S/N 6841B; EDO-AIRE RADIO COUPLER, P/N 1C388-3 S/N 780; EDO-AIRE G/S CPLR, P/N 1C493 S/N 10578E; AND EDO-AIRE CONTROLLER, P/N 1D720 S/N 3203. RECEIVED CERTIFIED UNITS AND REINSTALLED IN AIRCRAFT. FUNCTION TESTED ON GROUND AND SYSTEM OPS CHECKED GOOD. REF: CENTURY II MAINTENANCE MANUAL.
6. ADJUSTED RAM AIR TURBINE RELEASE CABLE TO CORRECT BINDING. OPS CHECKED GOOD.
7. REMOVED #1 GARMIN GNS430, P/N 011-00280-00 S/N 96306510 AND #2 GARMIN GNS430, P/N 011-00280-00 S/N 96306498. BOTH UNITS CHECKED ON BENCH AND VERIFIED DISCREPANCY. SENT BOTH UNITS TO GARMIN FOR REPAIR. RECEIVED REPAIRED UNITS AND REINSTALLED IN AIRCRAFT. BOTH GNS430 SYSTEMS GROUND OPS CHECKED GOOD. REF: GARMIN GNS430 INSTALL MANUAL.
8. REPAIRED AVIONICS SHELF SKIN SHEET METAL IN ACCORDANCE WITH AC43.13-1B CHAPTER 4. INSTALLED ALL NEW NUTPLATES FOR AVIONICS POWER SUPPLIES IN ACCORDANCE WITH INDUSTRY STANDARDS.

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 15852.

DATE: 10/7/04

SIGNED BY:

FOR



EAGLE AVIATION INC
2861 AVIATION WAY
WEST COLUMBIA, SC 29170

FAA APPROVED REPAIR STATION #FEHR859D
RETAIN AS PART OF YOUR PERMANENT RECORDS

AIRFRAME ENTRY

Reg: N39478

Make: PIPER

Model: PA-32RT-300

Serial No: 32R-7885221

Tach Time: 2983.6

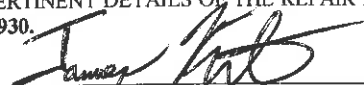
1. CHECKED LANDING GEAR WARNING SYSTEM INCLUDING SWITCHES AND WIRING. FOUND FLAG DOWN SWITCH STUCK IN FULL DOWN ALL THE TIME. ADJUSTED SWITCH, AND SYSTEM GROUND CHECKED GOOD. WORK PERFORMED IN REFERENCE TO PIPER PA-32 MAINTENANCE MANUAL.

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER #15930.

DATE: 10/13/04

SIGNED BY:



FOR



EAGLE AVIATION INC.
2861 AVIATION WAY

WEST COLUMBIA, SC 29170

FAA APPROVED REPAIR STATION #FEHR859D
RETAIN AS PART OF YOUR PERMANENT RECORDS

Total To Carry Forward				

Time: 2983.6

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AIRFRAME ENTRY

Reg: N39478

Make: PIPER

Model: PA-32RT-300

Serial No: 32R-7885221

Total Time: 2998.1

1. REMOVED AND REPLACED HYDRAULIC PUMP P/N HYC5005 S/N AH-1375 ON, P/N HYC5005 S/N NO SERIAL NUMBER OFF. WORK PERFORMED IN ACCORDANCE WITH PIPER PA-32RT-300 SERVICE MANUAL CHAPTER 6. OPERATIONAL CHECK WAS GOOD.
2. REMOVED VOLTAGE REGULATOR P/N B-00331-2 S/N 80056114 OFF. INSTALLED VOLTAGE REGULATOR P/N B-00331-2 S/N 80446623 OPERATIONAL CHECK WAS GOOD. WORK PERFORMED IN ACCORDANCE WITH LAMAR TECHNOLOGIES INSTRUCTIONS, AND PIPER PA-32RT-300 SERVICE MANUAL SECTION 11.

ificate No.

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER #84587.

DATE: 11/5/04

SIGNED BY:

FOR



EAGLE AVIATION INC
2861 AVIATION WAY
WEST COLUMBIA, SC 29170

FAA APPROVED REPAIR STATION #FEHR859D
RETAIN AS PART OF YOUR PERMANENT RECORDS

AVIONICS ENTRY

Reg: N39478 Make: PIPER Model: PA-32RT-300 Serial No: 32-7885221 Tach Time: 3000.1

1. AUTOPILOT WILL NOT TRACK HEADING BUG OR TAKE ANY NAV INPUT. CHECKED AUTOPILOT HEADING, FOUND CONNECTOR BAD ON COUPLER. REPAIRED CONNECTOR AND GROUND CHECK WAS GOOD. WORK PERFORMED IN ACCORDANCE WITH CENTURY III INSTALLATION MANUAL.

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER #16032.

DATE: 12/3/04

SIGNED BY:

[Signature] FOR
FAA APPROVED REPAIR STATION #FEHRS59D
RETAIN AS PART OF YOUR PERMANENT RECORDS



EAGLE AVIATION INC
2361 AVIATION WAY
WEST COLUMBIA, SC 29170

Total To Carry Forward				
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Registration No. _____

ime: 3000.1

ED
ECTOR AND
RY III

ce

and Remarks

Signature

Certificate No.

1978 PIPER PA-32RT-300 LANCE, N39478 S/N 32R-7885221

DATE: 04-01-2005

TACH: 3041.6

HOBBS: 2746.1

ABOVE WAS
EGULATIONS
E ON FILE AT

OPENED ALL PANELS, INSPECTED & LUBRICATED FLIGHT CONTROLS. CHECKED LIGHTS, TIRES, BRAKES AND SERVICED BATTERY. JACKED AIRCRAFT CHECKED LANDING GEAR THRU SEVERAL RETRACTION CYCLES. CLEANED & REPACKED WHEEL BEARINGS. C/W E.L.T. ANNUAL I/A/W FAR 91.207(d). REPLACED E.L.T. BATTERY P/N BP1026, DUE MAY 2007. C/W A.D. 78-23-01, FUEL DRAIN ACCESS DOOR. A.D.'S CHECKED THRU BIWEEKLY SUPPLEMENT 2005-06.

FOR
9D
ORDS

THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNATURE:

David B. Griffith

DAVID B. GRIFFITH A&P 263157315 IA

1978 PIPER PA-28RT-300 LANCE, N39478 S/N 28R-7885221

DATE: 07-21-2005

TACH: 2774.2

HOBBS: 3085.3

JACKED AIRCRAFT TO TROUBLESHOOT LANDING GEAR PROBLEM. REPLACED O'RINGS IN EMERGENCY DOWN VALVE. REMOVED AND INSTALLED OVERHAULED POWER PACK (HYC5005 S/N 2090448). REMOVED & INSTALLED NOSE GEAR RETRACTION CYLINDER. INSTALLED NEW O'RINGS IN NOSE CYLINDER. SERVICED SYSTEM WITH 5606 FLUID. CYCLED LANDING GEAR THRU SEVERAL CYCLES. LANDING GEAR EMERGENCY EXTENSION & NORMAL RETRACTION. CHECKED OK.

SIGNATURE: *David B. Griffith*

DAVID B. GRIFFITH A&P 263157315

AVIONICS ENTRY

N39478
Reg: ~~N39748~~ Make: PIPER Model: PA32RT-300 Serial No: 32R-7885221 Meter Time: 3126.7

1. AIRCRAFT OPS CHECKED SQUAWK VERIFIED, REMOVED DEFECTIVE UNIT GARMIN GNS430 PN 011-00280-00 SN 96306510 AND SENT UNIT OUT FOR REPAIR ON 9/9/05 RMA# R736598. REINSTALLED REPAIRED UNIT REFERENCING GARMIN GNS430 INSTRUCTIONAL MANUAL. OPS CHECKED GOOD.

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 16573.

DATE: 9/19/05

SIGNED BY: *Jack Dawson*

FOR

FAA APPROVED REPAIR STATION #FEHR859D
RETAIN AS PART OF YOUR PERMANENT RECORDS

Toto
Carl,



EAGLE AVIATION INC
2861 AVIATION WAY
WEST COLUMBIA, SC 29170

1978 PIPER PA-32RT-300 LANCE, N39748 S/N 32R-7885221

DBBS: 3085.3

DATE: 09-30-2005

TACH: 3134.2

HOBBS: 2817.0

ACED O'RINGS IN
R PACK (HYC5005
NDER. INSTALLED
FLUID. CYCLED
ENSION & NORMAL

JACKED AIRCRAFT, REPLACED NOSE GEAR RETRACT CYLINDER & DOWNLOCK, BUSHINGS,
BEARING & BOLTS. CYCLED LANDING GEAR THRU SEVERAL CYCLES, CHECKED OKAY.
REPLACED E.L.T. ANTENNA P/N 10-11 (MERL, INC.).

SIGNATURE: David B. Griffith

DAVID B. GRIFFITH A&P 263157315 IA

A&P 263157315

1978 PIPER PA-32RT-300 LANCE, N39478 S/N 32R7885221

DATE: 03-17- 2006

TACH: 3191.8

HOBBS: 2854.5

Time: 3126.7

IT GARMIN
9/9/05 RMA#
N GNS430

OPENED PANELS, INSPECTED FLIGHT & LUBED FLIGHT CONTROLS. CHECKED LITES,
TIRES & BATTERY. JACKED AIRCRAFT, REMOVED TIRES, CLEANED & REPACKED WHEEL
BEARINGS. CYLCED LANDING GEAR THRU SEVERAL CYCLES. REPLACED BRAKE LININGS
ON RH SIDE. REPLACED O'RINGS IN BRAKE HOUSING - RH. SERVICED BRAKE SYSTEM
WITH 5606 FLUID. REPAINTED WING WALK. REPLACED **STROBE LITE POWER SUPPLY P/N**
A413AHDACF, IN AFT FUSELAGE. C/W E.L.T. ANNUAL I/A/W FAR 91.207(d). **E.L.T.**
DUE APRIL 2007. A.D.'S CHECKED THRU BIWEEKLY SUPPLEMENT 2006-05.

IDENTIFIED
T FEDERAL
NT DETAILS

THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual
INSPECITON AND IS DETERMINED TO BE IN AIRWORTHY CONDITION.

FOR
EHR859D
T RECORDS

SIGNATURE: David B. Griffith

DAVID B. GRIFFITH A&P 263157315 IA

Model PA32RT-300
S/N 32R-7885221
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 05/25/06
HOBBS 2857.1
WO# 22357

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

Removed and reinstalled prop to install new alternator belt and A/C belt. Installed new aircraft battery, P/N G35, S/N G02256428. Installed new air conditioning hoses, P/N 566-227, and P/N 566-228. Installed new receiver/ dryer, P/N 456-615. Evacuated system and serviced with freon. Cleaned autopilot connections to gyros.



CRS# I1BR578Y

Model PA32RT-300
S/N 32R-7885221
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 05/25/06
HOBBS 2857.1
WO# 22357

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

Prop: Removed and reinstalled prop to replace alternator belt.



CRS# I1BR578Y

Total To Carry Forward				
------------------------	--	--	--	--

Date 05/25/06
HOBBS 2857.1
WO# 22357

Model PA32RT-300
S/N 32R-7885221
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 09/29/06
HOBBS 2881.5
WO# 22571

air regulations and was

aircraft battery, P/N
-228. Installed
autopilot

I1BR578Y

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

No.

Installed new top tail light lamp, P/N 1073. Installed new aircraft battery, P/N G35, S/N G02284979.
Installed new intake hose to air filter, P/N 565-458. Installed new alt and A/C belts. Replaced A.C
compressor shaft seal and clutch bearing.

Allen B. Coblen

CRS# I1BR578Y

Date 05/25/06
HOBBS 2857.1
WO# 22357

air regulations and was

I1BR578Y

I certify that the Altimeter & Static Sys test required by FAR 91.411 has been performed and complies with FAR 43, appendix E.

L-P/N 5934P-1 S/N A366 Tested to 20x ft.
R-P/N N/A S/N N/A Tested to N/A ft.
Altitude reporting sys. tested to 20,000 ft.
Signed *Allen B. Coblen*
Date 9/29/06 WO# 22571

Interstate Turbine Management
6070 Perimeter Rd. Charleston, SC 29406
Class 3, Radio Class 1, 2 & 3, Limited ratings
CRS# I1BR578Y

I certify that the ATC Transponder test and Inspection required by FAR 91.413 has been performed and complies with FAR 43, appendix F.

#1 Make KENG Model KF76C S/N 9696
#2 Make N/A Model N/A S/N N/A
Signed *Allen B. Coblen*
Date 9/29/06 WO# 22571

Interstate Turbine Management
6070 Perimeter Rd. Charleston, SC 29406
Class 3, Radio Class 1, 2 & 3, Limited ratings
CRS# I1BR578Y

+53

+890

+970

SERIAL NO. A366

AIRCRAFT LOG

Model PA32RT-300
S/N 32R-7885221
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 03/27/07
TACH 3271.46
WO# 22765
TTAF 3271.46

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

C/W Annual insp. IAW FAR 43 appendix D and Piper M/M. C/W FAR 91.207 ELT function test and battery insp. Installed new ELT battery, due January 2009. C/W AD 78-23-01 fuel drain door insp. Installed new voltage regulator, P/N VR200A, S/N 92720. Installed filter cap on alt output. Removed left strut, disassembled and cleaned. Reassembled strut with new packings, reinstalled and serviced with hyd fluid and nitrogen. Installed new rear door handle grommet. Installed new lamps in aft left and right overhead lights. Repositioned pilot's shoulder harness. Installed new lower spar wing bolt covers, P/N 63942-000, and P/N 63942-001. Removed AV-200 and installed new GDL69A, S/N 47752743, IAW manufacturer's install manual and STC # SA01487SE. XM Data ID = L23ZP04W. XM Audio ID = JZKXP003. Installed new JP Instruments EDM-700 engine monitor IAW STC # SA2586NM. Installed new nose wheel bearings and races. Adjusted alt air door cable. Serviced A/C with Freon. Installed new hobbbs reading 0.0 (old read 2896.1). Installed new L/H down lock switch. Replaced landing light ground wire from lamp to firewall. Installed new bushing on rear cabin door attachment support arm. Resealed copilots left master brake cylinder and bled brakes. Serviced A/C with Freon. Filed form 337. Revised W&B.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



CRS# I1BR578Y

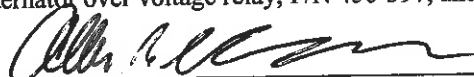
Model PA32RT-300
S/N 32R-7885221
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 04/11/07
HOBBS 15.1
WO# 22801

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

Installed new placards on dash, P/N 582-682, 582-250, 582-405, 582-647. Installed new audio wire from GDL69A to audio panel. Installed ground loop isolator and noise eliminator filter, P/N 122253-10A. Installed new alternator over voltage relay, P/N 450-397, and new 5 amp CB, P/N 454-706.



CRS# I1BR578Y

Model PA32RT-300
S/N 32R-7885221
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 04/01/08
HOBBS 64.7
WO# 23244
TTAF 3330.8

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

C/W Annual insp. IAW FAR 43 appendix D and Piper M/M. C/W FAR 91.207 ELT function test and battery insp., battery due Jan 2009. C/W AD 78-23-01 fuel drain door insp. Installed new main tires, P/N 301-028-006, and new valve cores. Installed new nose wheel tire tube and reinstalled nose tire. Stop drilled small cracks on L/H wing tip and sealed. Updated #1 & #2 GNS430 main software version to 5.03 IAW Garmin SB 0706.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



CRS# I1BR578Y

AIRCRAFT LOG

Model PA32RT-300
S/N 32R-7885221
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 3/5/09
HOBBS 103.4
WO# 23750
TACH 3330.08

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

Removed Pointer ELT and antenna. Installed new 406 Mhz ELT, P/N 455-6605, S/N 188-07574. 15 digit Hex ID# ADCC407658002F1. C/W FAR 91.207 ELT insp. Battery due replacement 3/2015. Revised W&B. Installed new fuel pressure gauge, P/N 687-275.

Allen S Campbell

CRS# 11BR578Y

I certify that the Altimeter & Static Sys test required by FAR 91.411 has been performed and complies with FAR 43, appendix E.

L-P/N 5934P1 S/N A366 Tested to 20K ft.
R-P/N N/A S/N N/A Tested to N/A ft.
Altitude reporting sys. tested to 20,000 ft.
Signed Allen S Campbell
Date 5/1/09 WO# 23843

Interstate Turbine Management
6070 Perimeter Rd. Charleston, SC 29406
Class 3, Radio Class 1, 2 & 3, Limited ratings
CRS# 11BR578Y

I certify that the ATC Transponder test and Inspection required by FAR 91.413 has been performed and complies with FAR 43, appendix F.

#1 Make KENB Model KF76C S/N 9696
#2 Make N/A Model N/A S/N N/A
Signed Allen S Campbell
Date 5/1/09 WO# 23843

Interstate Turbine Management
6070 Perimeter Rd. Charleston, SC 29406
Class 3, Radio Class 1, 2 & 3, Limited ratings
CRS# 11BR578Y

Model PA32RT-300
S/N 32R-7885221
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 05/01/09
TACH 3370.39
WO# 23843
TTAF 3370.39

C/W Annual insp. IAW FAR 43 appendix D and Piper M/M. C/W FAR 91.207 ELT insp. C/W AD 78-23-01 fuel drain door assy. Cleaned and degreased yoke and lubed. Resealed and serviced right brake. Removed and reinstalled #1 GNS430 for troubleshooting. Removed #2 GNS430 and sent for repair. Installed repaired left outboard wing fuel tank P/N 95070-04 using new hoses, gaskets and screws.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Allen B. Campbell

CRS# I1BR578Y

Model PA32RT-300
S/N 32R-7885221
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 06/03/09
HOBBS 109.4
WO# 23909
TACH 3371.76

Installed GNS430 after repair, P/N 011-00280-00, S/N 96306510. Post installation and configuration checks satisfactory.

Allen B. Campbell

CRS# I1BR578Y

on required
with FAR 43,

9696

N/A

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3/5/09
BS 103.4
23750
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Model PA32RT-300
S/N 32R-7885221
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 06/08/09
HOBBS 110.6
WO# 23919
TACH 3372.79

Installed new right tire tube, P/N 302-246-401. Serviced tires.

Allen S. Campbell

CRS# I1BR578Y

Model PA32RT-300
S/N 32R-7885221
Reg. # N39478

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 6/11/10
HOBBS 142.9
WO# 24406
TTAF 3403.59

C/W Annual insp. IAW FAR 43 appendix D and Piper M/M. C/W FAR 91.207ELT insp, battery due March 2015. C/W AD 78-23-01 fuel drain door assy. C/W AD 08-14-07 external fuel line insp. Tightened noise suppressor on alternator. Installed new transponder antenna P/N CI-105 and C/W FAR 43 appx. F. Installed new nose gear bumper stop, P/N 37970-005 and checked rigging.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Allen S. Campbell

CRS# I1BR578Y

2-14-11	3407.73	Installed New G-11 6355 sealed battery serial # 602551265	300787 300787 of
Total To Carry Forward			

Date 06/08/09
HOBBS 110.6
WO# 23919
TACH 3372.79

BY

Date 6/11/10
HOBBS 142.9
WO# 24406
TTAF 3403.59
sp, battery due
line insp. Tightened
FAR 43 appx. F.

WITH AN
DITION.

578Y

1
of

Registration

and Remarks

Date 3-25-11 N# 39748
I certify that the static system, altimeter system and the
automatic pressure altitude reporting system tests
required by CFR 91.411 and CFR Part 43 Appendix E & F
have been performed and is approved for return to service.

W/O# R 1111
Left ALT Date 3-25-11 20,000 Ft.
Right ALT Date Ft.
Signed D. Kul

Classic Aviation, LLC, Repair Station # C3VR730J
Shenandoah Valley Regional Airport, Weyers Cave, VA 24486

Signature

Certificate No.

Date 3-25-11 N# 39478
Model KT76C S/N 9696 Position 1
Model S/N Position
I certify that the above transponder(s) has been tested
as required by CFR 91.413 and CFR 43 Appendix F in IAW
current Regulations of the Federal Aviation Agency and is
approved for return to service. Pertinent details of this
inspection are on file at this repair station under
W/O# R 1111 Date 3-25-11
Signed D. Kul
Classic Aviation, LLC, Repair Station # C3VR730J
Shenandoah Valley Regional Airport, Weyers Cave, VA 24486

AIRCRAFT LOG

Classic Aviation, LLC
Shenandoah Valley Regional Airport
Weyers Cave, VA 24486

N39478

W/O # 11032201

Date 03/30/2011 Hourmeter 157.3 Tach 3416.4 A/CTT 3416.4

AIRFRAME LOG

C/W AD 76-07-12 Bendix ignition switch: Checked Bendix ignition switch operation per para a, b, c. No defects noted. Next due 3516.4 ACTT. C/W AD 78-23-01 Fuel lever drain door: Inspected fuel lever drain door per para (b). No defects noted. Next due 3516.4 ACTT. C/W AD 2010-15-10 Control wheel shafts: Inspected pilot and copilot control wheel shafts per Piper SB1197B and found proper installations. No further action required. C/W ICA for BAE Standby Turbo Alternator system: Checked system for security and operation in accordance with Basic Aircraft Products, Inc. Airplane Flight Manual Supplement. Ops check normal. C/W Fire extinguisher annual weight check: Weighed fire extinguisher : 4.58 #. Adjusted voltage regulator to set alternator output voltage to maintenance manual specs: 13.6-14.6 with 25 Amp load. Installed a new Tanis heater element in cylinder #3. Installed a new low vacuum warning pressure switch and a new low oil pressure warning pressure switch. Cleaned wiring connections for gear warning horn. Resealed nosegear actuator and filled hydraulic reservoir. Tightened and resafetied bolt in nose landing gear trunnion, right side support. Added a shim washer and tightened bolt in right aileron rod end. Tightened nose landing gear center torque link bolt and installed cotter pin. Tightened shimmy dampener forward bolt and installed cotter pin. Installed a new drain hose on engine case right side snuffle valve. Installed takeoff and landing checklist placards in accordance POH requirements. Set right main landing gear strut extension to proper level per POH. Ground checks normal.

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and/or inspected in accordance with current Regulation of the Federal Aviation Agency and is approved for return to service for the work performed.

Signed

Dean Showalter
Classic Aviation, LLC

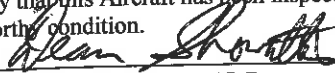
Dean Showalter

A&P # 3126788

Continued

C/W CFR 91.207(d) ELT inspection. Inspected and tested Artex ME-406 ELT, S/N 7574, per CFR 91.207(d).
Ops check normal. HEX ID No. ADCC407658002F1. Battery due March 2015.
Completed inspection this date in accordance with Piper PA 32RT-300 maintenance manual and inspection report. I
certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in
airworthy condition.

Signed



Classic Aviation, LLC

Dean Showalter

A&P # 3126788 IA

W/O # 11032201

TT 3416.4

para a, b, c. No defects
lever drain door per
el shafts: Inspected pilot
further action required.
operation in accordance
ul. C/W Fire extinguisher
et alternator output
s heater element in
sure warning pressure
nd filled hydraulic
Added a shim washer
k bolt and installed cotter
drain hose on engine case
OH requirements. Set

inspected in accordance
for the work performed.

inued

Shenandoah Avionics, LLC

63 Aviation Circle Weyers Cave, Va. 24486

540-908-6358 or 540-234-0226 Repair Station # 2SAR659Y

W/O # 11032802

N# 39478

Date April 22, 2011

Hourmeter 151.3

Tach 3416.39

A/CTT N/A

Removed Garmin GNS 430W and sent to Garmin for WAAS upgrade. Re-installed Garmin GNS 430W
under Garmin International W/O # 29564265. Removed old GPS antenna and installed New GA-35
GPS/WAAS antenna, S/N 732266. See Shenandoah Avionics approved 337 dated April 22, 2011.
This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and
inspected in accordance with current regulation of the Federal Aviation Agency and is approved
for return to service.

-----END-----

Signed



Todd Ott

16. Item:	7.	Description:	8.	Part Number:	9.
1	HSI KI 525A		066-3046-00	N/A	

13. REMARKS: FOR REPAIR DETAILS SEE ATTACHED DOCUMENT.

14. Certifies the item(s) identified above were manufactured in conformity to:

☐ Approved design data and are in a condition for safe operation.

☐ Non-approved design data specified in Block 13.

AIRCRAFT LOG

Shenandoah Avionics, LLC
 63 Aviation Circle Weyers Cave, Va. 24486
 540-908-6358 or 540-234-0226 Repair Station # 2SAR659Y
 W/O # 11042601

N# 39478

Date April 28, 2011

Hourmeter 151.3

Tach 3416.39

A/CTT N/A

Removed Kings KI-525A HIS Indicator P/N 066-3046-00, S/N 42733. Sent out for repair. Reinstalled repaired HIS under Kings Avionics WO # 32493. Ops checked normal.
 This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulation of the Federal Aviation Agency and is approved for return to service.

END

Signed



Todd Ott

Total To
Carry Forward

Weyers Cave, VA 24486

W/O # 11050901

ACTT

AIRFRAME LOG
Installed overhauled hydraulic power pack, P/N HYC5005, S/N AH-9385, and filled with MIL-5606 fluid. Tested landing gear operation with normal and emergency systems. Ops check normal. Installed rivets as required in muffler heat shroud.

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and/or inspected in accordance with current Regulation of the Federal Aviation Agency and is approved for return to service for the work performed.

A&P #3126788

AIRCRAFT LOG

Maintenance

Tag

Date

ies

automatically constitute authority to install the

n Airworthiness Authority is different than the
e user/installer ensures that his/her Airworthi
n authority of the country specified in Block 1.

n all cases aircraft maintenance records must
lations by the user/installer before the aircraft

e equivalent.
acceptable documents.

INC

Shenandoah Avionics, LLC

63 Aviation Circle Weyers Cave, Va. 24486

540-908-6358 or 540-234-0226 Repair Station # 2SAR659Y

W/O # 11052001

N# 39478

Date 6/24/2011

Hourmeter 213.1

Tach 3464.86

A/CTT N/A

Removed Pitch Trim Amplifier and sent out for repairs. Re-installed under Auto Pilot Central's W/O #
SH11-22604. Operational checks normal.
This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and
inspected in accordance with current regulation of the Federal Aviation Agency and is approved
for return to service.

END

Signed

Todd Ott

Total To
Carry Forward

Tracking

- 22 -

Order/Contr

Same #3

Status/W.

Once

REPAIR

in specified in Block 13

ne work identified in
d in accordance with
respect to that work,

approval/Certificate No.:

CM2R747K

date (m/d/y):

-13-11

component/assembly.

worthiness authority
assemblies from the

installation

IN: 0052-00-012-9005

Registration No. _____

and Remarks

Signature

Certificate No.

CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K
 LOG ID# 7765 12-August-2011 WO# 41667/1 CA 11 HOBBS 238.4
 N39478 S/N 32R-7885221 PIPER PA-32RT-300 TACH 3488.3

Pg 1 / 1

**** DESCRIPTION OF SERVICE WORK PERFORMED ****

Tested the Century Altimatec IIIC system and found it would pitch up when either 'Pitch' or 'Alt & Pitch' modes were engaged. Troubleshoot system and found the connection to the AHI was intermittent. Cleaned this and all other autopilot connectors of this type. System tested OK on ground and on flight test.

Noted that the autopilot connectors were of the 'Split-Socket' design. Recommend replacing these with a 'Solid-Socket' design in the future.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER.


 CRS OY1R391K JIM FRANKLIN

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<p>CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K LOG ID# 7774 19-August-2011 WO# 41719 CA 11 HOBBS 239.3 N39478 S/N 32R-7885221 PIPER PA-32RT-300 TACH 3488.8</p>				
<p>Removed failed starter PN MZ4222 SN 6110766. Installed overhauled starter PN MZ4222 SN A118019 from Aerotech of Louisville (ref 8130 #100854 dated 8/9/11). Ground ops & function check was satisfactory. Removal & installation done IAW Piper Lance MM 11-63. Replaced missing bolt at prop gov cable mount bracket to engine case. Serviced main & nose tires IAW Piper MM section 7-5 & 7-18.</p>				
<p>THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER.</p>				
<p><i>Woodrow L. Mowry</i> CRS OY1R391K WOODROW L. MOWRY</p>				
Total To Carry Forward				

Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.

191K

Pg 1 / 1

MZ4222 SN A118019
nction check was
missing bolt at
Piper MM section

ABOVE WAS REPAIRED
AGENCY AND IS
AT THIS REPAIR

CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K
LOG ID# 8365 09-May-2012 WO# 43815 CA 11 AC TT 3538.9 HOBBS 293.4
N39478 S/N 32R-7885221 PIPER PA-32RT-300 TSMOH 1588.5
Prop TSN 1588.5

Pg 1 / 1

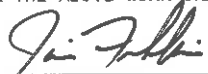
Complied with an Annual Inspection using Piper PA-32RT-300 inspection checklist. Reviewed AD's thru issue 2012-08. Complied with ELT 12 month inspection, ELT PN 453-6603 SN 188-07574 tested & found to comply with FAR 91.207, battery expiration date March 2015. Complied with portable fire extinguisher 12 month inspection & weight check. Installed new Brackett induction filter element PN BA-3 IAW Brackett instructions I-194. Serviced & charged main battery. Jacked aircraft & completed normal & emergency gear swings. Inspected & cleaned fuel strainers. Cleaned, inspected & repacked wheel bearings & lubricated aircraft. Serviced brake reservoir. Removed minor surface rust & loose paint from affected areas of engine mount, treated primed & painted. Repaired hole in lower engine cowl using fiberglass cloth & resin layup procedures. Resecured outlet on muffler heat muff assy with new rivets. Replaced Lt & Rt brake linings PN 761-197 IAW Piper AMM 7-57. Removed mud doobers nest from empennage. Removed air conditioner condenser door for access, cleaned entire area including AC condensor, reinstalled door IAW Piper AMM section 14-33. Checked & serviced freon AC system IAW Piper Lance MM section 13-17. Complied with the following AD's: AD 76-07-12 by function check of mag switch, no defects noted, next insp due 3638.9 ACTT. AD 78-23-01 by function check of fuel lever drain, no defects noted, next insp due 3638.9 ACTT. AD 2005-12-06 Bendix impulse coupling insp complied with at mag overhaul 4/25/12, next inspection due 4038.9 AFTT. Ground runs, leak & ops checks were satisfactory.

I certify this aircraft has been inspected in accordance with an annual inspection and determined to be in airworthy condition.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER.

CRS OY1R391K TODD SOMMERS

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<div style="border: 1px solid black; padding: 5px;"> CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K LOG ID# 8377 11-May-2012 WO# 43815 CA 11 HOBBS 294.0 N39478 S/N 32R-7885221 PIPER PA-32RT-300 </div> <div style="text-align: right; margin-top: 5px;">Pg 1 / 1</div>				
<p>acquired XM weather signal and downloaded weather packets, system function check good. Updated GDL 69A software from version 3.10 to version 3.30 IAW Garmin Service Bulletin 0552</p>				
<p>THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER.</p>				
<div style="text-align: center;">  <hr style="width: 100%;"/> </div>				
<div style="display: flex; justify-content: space-between;"> CRS OY1R391K JIM FRANKLIN </div>				
Total To Carry Forward				

Registration No. _____

Maintenance

IK

Pg 1 / 1

ck good. Updated
n 0552.

OVE WAS REPAIRED
GENCY AND IS
THIS REPAIR



**LANDMARK
AVIATION**

100 Aviation Drive, Suite 100
Charlottesville, VA 22911
Tel (434) 978-1474

CRS# H00R564Y

N#: 39478

WO#: S12-12-00-1223

DATE: 02-02-2012

TT: 3528.6

MOD: PA32RT-300

S/N: 32R7885221

No.

Removed and replaced aircraft battery p/n G-35S s/n G02551265 off, p/n G-35S s/n G02705048 on.
Removed landing light bulb p/n GE4509 off and replaced with FAA/PMA approved LED Par 36
p/n 01-0771424-10. in accordance with manufactures instructions, operation check good. All
maintenance done I/A/W PA32RT-300 aircraft maintenance manual.

*The aircraft - Airframe - Engine - Propeller - or Appliance identified above was repaired and inspected in accordance with
current Federal Aviation Regulations and was approved for return to service. Pertinent details of this repair are on file at this
agency under the work order identified above.*

Daniel Little
Authorized Signature

CRS # H00R564Y

Form LB-1

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		



**LANDMARK
AVIATION**

100 Aviation Drive, Suite 100
Charlottesville, VA 22911
Tel (434) 978-1474

CRS# H00R564Y

N#: 39478

WO#: S12-12-00-1542

DATE: 11-15-2012

TT: 3553.4

MOD: PA32RT-300

S/N: 32R7885221

Removed and replaced engine driven vacuum pump p/n 215CC off/on, s/n C03156 off, s/n 141682 on. operation check good. Removed and replaced left wing outbd fuel sump drain p/n 491-806 off/on. Leak ck. good. All maintenance done I/A/W PA32RT-300 aircraft maintenance manual and manufactures instructions.

The aircraft - Airframe - Engine - Propeller - or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of this repair are on file at this agency under the work order identified above.

Daniel Little
Authorized Signature

CRS # H00R564Y

Form LB-1

Total To
Carry Forward



Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.



LANDMARK
AVIATION

CRS# H00R564Y

100 Aviation Drive, Suite 100
Charlottesville, VA 22911
Tel (434) 978-1474

N#: 39478
WO#: S12-13-01761
DATE: 05/17/2013
TT: 3565.7
MOD: PA32RT-300
S/N: 32R-7885221

39478
S12-12-00-1542
E:11-15-2012
3553.4
D: PA32RT-300
: 32R7885221

5 off, s/n 141682
p/n 491-806
ance manual and

accordance with
r are on file at this

Completed **Annual/100 hr. inspection** in accordance with Piper PA32R-300 Maintenance Manual Inspection guideline. Checked electrical system and serviced aircraft battery. Checked fuel system, cleaned bowl and screen, reinstalled using new o-rings, leak checked and safetied. Serviced hydraulic reservoir. Cleaned and inspected, repacked main wheel bearings. Removed and replaced nose bearings and races. Removed and replaced nose tire p/n 505C66-5 s/n 13090290 off, p/n 505C66-5 s/n 22742310 on. Serviced nose strut with nitrogen. Replaced missing static on left wing. Installed missing rudder trim placard piper p/n 69363. Removed right wing tip and repaired cracked fiberglass, painted to match and reinstalled. Bleed air from pilots left brake. Lubed all flight controls and pullies. Inspected the ELT ArtexME-406 s/n 188-07574 IAW FAA and manufactures instructions and found it meets the requirements of **FAR 91.207(d) battery replacement due date 03/15**. Tightened all valve cover hardware and #1 cylinder oil return line. Replaced vacuum regulator filter, replaced central vacuum filter. Complied with **AD76-07-12R1** inspection of ignition switches, no defects noted, **This AD76-07-12R1 is due again at tach 3665.7 or May 2014**. Complied with **AD2013-02-13** inspection of horizontal stabilator control cables and tumbuckles, no defects noted.

Form LB-1

Page 1 of 2
Form LB-1

AIRCRAFT LOG

Date

Aircraft Time

Recorder

**LANDMARK**
AVIATION100 Aviation Drive, Suite 100
Charlottesville, VA 22911
Tel (434) 978-1474

CRS# H00R564Y

N#: 39478
WO#: S12-13-01761
DATE: 05/17/2013
TT: 3565.7
MOD: PA32RT-300
S/N: 32R-7885221

Complied with **AD78-23-01** inspection of fuel drain door per para (b), no defects noted, **This AD78-23-01 is due again at tach 3665.7 or May 2014.** Complied with Continued Airworthiness inspection for BAC Standby Turbo Alternator system by inspecting for security and operation IAW Basic Aircraft Products, inc. Airplane Flight manual supplement, no defects noted. **All AD's checked thru 05-2013.** All work was done in accordance with Piper PA28-181 Maintenance Manual. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

The aircraft - Airframe - Engine - Propeller - or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of this repair are on file at this agency under the work order identified above.

Daniel Little

CRS#H00R564Y

Authorized Signature

Page 2 of 2
Form LB-1Total To
Carry Forward

FAA REPAIR STA.

VA Virginia

N#: 39478

Page 2 of 2
Form LB-1

8-23-01 is due again
y Turbo Alternator
annual supplement,
A28-181
inspection and was

at Federal Aviation
identified above.

3478
12-13-01761
5/17/2013
65.7
132RT-300
R-7885221



N#: 39478
WO#: V13-0842
DATE: 5/31/2013
TACH: 3566.55

FAA REPAIR STA.
#RSUR804H
VAR5-130

I certify that the static system, altimeter system, and the automatic pressure altitude reporting system test required by the FAR 91.411 have been performed in accordance with Appendix E of FAR 43 and current regulations of the Federal Aviation Administration and the aircraft is approved for return to service. The altimeter was tested to 20,000 feet.

End.

Signature: 

Please affix to your aircraft/engine log book.

N# 39478
WO#: V13-0842
DATE: 5/31/2013
TACH: 3566.55



FAA REPAIR STA.
#RSUR804H
VAR5-131

Transponder Model King KT76C SN# 9696

I certify that the above transponder was given a biennial check as required by FAR 91.413 in accordance with Appendix F of FAR 43 and current Regulations of the Federal Aviation Administration and are approved for return to service. End.

Signature: 

Registration No. _____

Altitude
Take
Unit
5934
A366

700
After Effect

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		



LANDMARK
AVIATION

CRS# H00R564Y

100 Aviation Drive, Suite 100
Charlottesville, VA 22911
Tel (434) 978-1474

N#: 39478
WO#: S12-13-01990
DATE: 10/24/2013
TT: 3592.15
MOD: PA32RT-300
S/N: 32R-7885221

Removed parking brake actuator and removed and replaced inner packing's, reinstalled parking brake actuator. Removed both pilots and co-pilots left brake actuators and removed and replaced all inner packing's. Reinstalled both brake actuators and secured. Bleed brake system of all air, topped off brake reservoir. Leak and operation check good on taxi check. Removed and replaced Rt. MLG tire inner tube p/n 092-315-0 off/on. Serviced tire to 38 psi. All maintenance done in accordance with Piper PA32RT-300 maintenance manual.

The aircraft - Airframe - Engine - Propeller - or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of this repair are on file at this agency under the work order identified above.

Daniel Little

CRS#H00R564Y

Authorized Signature

Daniel Little

Form LB-1

To:

Carry forward



Maintenance

and Remarks

Signature

Certificate No.

**LANDMARK
AVIATION**

CRS# H00R564Y

N#: 39478

WO#: S12-14-02125

DATE: 02/13/2014

П: 3594.39

MOD: PA32RT-300

S/N: 32R-7885221

100 Aviation Drive, Suite 100
Charlottesville, VA 22911
Tel (434) 978-1474

Completed **Annual/100 hr. inspection** in accordance with Piper PA32RT-300 Maintenance Manual Inspection guideline. Checked electrical system and top charged battery, battery failed load check, removed and replaced battery p/n G35S s/n G02705048 off, p/n 7035-28 (G35S) s/n G02797342 on. Checked fuel system, cleaned bowl and screen, reinstalled using new o-rings, leak checked and safetied. Removed and replaced both left wing fuel sump drains p/n F-391-187B off/on. Serviced hydraulic reservoir. Cleaned and inspected, repacked all wheel bearings. Lubed all flight controls and pulley's. Inspected the ELT ArtexME-406 s/n 188-07574 IAW FAA and manufactures instructions and found it meets the requirements of **FAR 91.207(d) battery replacement due date 03/15**. Tightened all valve cover hardware. Replaced vacuum regulator filter, replaced central vacuum filter. Complied with **AD76-07-12R1** inspection of Ignition switches, no defects noted, **This AD76-07-12R1 is due again at tach 3694.3 or FEB 2015**. Complied with **AD2013-02-13** inspection of horizontal stabilator control cables and turnbuckles, no defects noted. **This AD2013-02-13 is due again at tach 3694.3 or FEB 2015**.

Page 1 of 2
Form LB-1

Form LB-1

3-01990
/2013
15
RT-300
B85221

Reinstalled both
 tion check good
 3 psi. All

eral Aviation led above.

Form LB-1

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought			



LANDMARK
AVIATION

CRS# H00R564Y

100 Aviation Drive, Suite 100
Charlottesville, VA 22911
Tel (434) 978-1474

N#: 39478
WO#: S12-14-02125
DATE: 02/13/2014
TT: 3594.39
MOD: PA32RT-300
S/N: 32R-7885221

Complied with **AD78-23-01** inspection of fuel drain door per para (b), no defects noted, **This AD78-23-01 is due again at tach 3694.3 or FEB 2015.** Complied with Continued Airworthiness inspection for BAC Standby Turbo Alternator system by inspecting for security and operation IAW Basic Aircraft Products, inc. Airplane Flight manual supplement, no defects noted. **All AD's checked thru 02-2014.** All work was done in accordance with Piper PA32RT-300 Maintenance Manual. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. OK for return to service.

The aircraft - Airframe - Engine - Propeller - or Appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of this repair are on file at this agency under the work order identified above.

Daniel Little

CRS#H00R564Y

Authorized Signature

Daniel Little

Total 1
Carry

Page 2 of 2
Form LB-1

Maintenance

SO#	14-19069	SILVERHAWK AVIATION INC.				DATE	April 09, 2014
REG.	N39478	Lincoln Municipal Airport [LNK]				HOUR	3640.17
MAKE	PIPER	MODEL	PA-32RT-300				
		SERIAL NO.	32R-7885221				

Maintenance Record

1. I certify that the Altimeter, Static and ATC Transponder system tests required by 14 CFR part 91.411 and part 91.413 were performed and found to meet the accuracy requirements of 14 CFR Part 43 appendix E and F. The Altimeter was functionally tested to 20,000 feet.

	P/N	S/N
Altimeter:	5934P-1	A356
Transponder:	066-01156-0101	9696
Encoder:	SSD120-30A	SRA 9668

2. Removed the existing attitude indicator P/N. 23-501-05-2, S/N. T58687K and installed an "Overhauled" attitude indicator P/N. 23-501-05-2, S/N. X41998H see FAA form 8130-3, tracking number WRK0230634, MidContinent Instruments, dated February 20, 2014 for details. Operational check good. Reference the Piper Lance II Service Manual Section 10.
3. Removed the turn coordinator P/N. 139T100-7Z, S/N. 9207-78 and installed an "Overhauled" turn coordinator P/N. 139T100-7Z, S/N. A07-11371 see FAA form 8130-3, tracking number WRK0230417, MidContinent Instruments, dated February 17, 2014 for details. Operational check good. Reference the Piper Lance II Service Manual Section 10.
4. Performed GPS Nav database update reference the current MX 20, GNS 430W and GNS 430 pilots guides P/N: 190-00479-00, 190-00140-00 and 190-00356-01. Cycle 1404 expires May 1, 2014.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 14-19069 Date: April 9, 2014

Signed [Signature] For,

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

Page 2 of 2
Form LB-1

SO#	14-19070	SILVERHAWK JET CENTER			DATE	April 11, 2014
REG.	N39478	Lincoln Municipal Airport (LNK)			TACH	3640.22
MAKE	PIPER	MODEL	PA-32RT-300			
		SERIAL NO.	32R-7885221			

1. Installed new fuel pressure indicator line/hose P/N. 62400-4-0130. No leaks noted. Reference the Lycoming IO540 Series Overhaul and Maintenance Manual Section 8.
- The work identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under work order No. 14-19070 Date: April 11, 2014

Signed _____

For,

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

REG #	N39478	Signature TECHNICIAN 3636 Wilbur Plaza, Eppley Airfield Omaha, Nebraska 68110 FAA REPAIR STATION # MGOR426G LOGBOOK INSERT	DATE	11/19/2014
MODEL	PA32R-300		W/O	OMA-14-559705
SERIAL #	32R-7885221		HOBBS	501.4
			ACTT	
			TACH	3722.51

1. Troubleshoot fuel leak in left wing. Tightened outboard fuel tank interconnect hose clamp. Installed new inboard fuel tank quick drain Part No. F391-187. Leak check satisfactory.

The Aircraft and/or Component(s) identified above in the scope of this work order were repaired and/or inspected in accordance with current applicable Federal Aviation Regulations and were determined to be airworthy for return to service. Details of the work order are on file at this facility.

DATE 11/19/2014 SIGNED Adam Reasoner
Adam Reasoner for CRS# MGOR426G

Total To Carry Forward				
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DATE	April 11, 2014
TACH	3640.22

Lycoming IO540

Return to service as airworthy.

For,

11/19/2014
OMA-14-559705
501.4
3722.51
Added new inboard fuel
Compliance with current applicable regulations at this facility.

Registration No. _____



Reg. # N39478
Make: Piper Aircraft Inc.
TCH: 3762:23

Date: March 18, 2015
Model: PA-32RT-300

Work Order: Y6RA
S/N: 32R-7885221
HMT: 549.2

- 1) The following was performed by Duncan Aviation under Work Order # Y6RAA:
- A) Reinstalled Artificial Horizon Sigma Tek Model 5000-E9, P/N: 23-501-05-2, S/N: X96130J repaired by Butler Avionics Inc. CRS #TF2R185L under work order #MI01100 dated 03/12/2015.
 - B) Performed ground operational check of the Century III Autopilot IAW Century III Autopilot System pilot's operating handbook 68S25 dated 11/1998 and checks satisfactory.
 - C) Installed 2 each Bose Aviation Headset Aircraft Panel Connectors P/N: 323172-0010 for the pilot and copilot IAW Bose Aviation Headset Aircraft Panel Connector Installation Instructions 323160-0010. Ground operational check satisfactory.

The above described repair or maintenance is approved for return to service. A detailed record is on file under Work Order #Y6RAA.

Signed _____

DUNCAN
QT 1443

For Duncan Aviation CRS JGVR194F Phone: 800-228-4277

N39478

March 18, 2015

Page 1 of 1

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		



Oracle Aviation, LLC
12916 Millard Airport Plaza
Omaha, NE 68137

www.oracleaviation.com
tim.duffy@oracleaviation.com
402.934.5300

Make	Model	S/N	Tail #	TT/TT	Date
Piper	PA-32RT-300	32R-7885221	N39478	3762.23	<u>01/01/2015</u>

64/01/15

C/W Annual Inspection IAW CFR14 part 43 Appendix D

**C/W AD76-07-12 Bendix switch test next due 3862.23, C/W
AD78-23-01 Fuel drain check next due 3862.23.**

Installed new Brake Discs P/N 164-21600, Installed new Air Filter
P/N B/A 3, Installed new nose fire tube P/N 3020-013-400,
Installed ADI after repair to Bezel b y Butler Avionics on W/O
70358, Installed new bearing P/N LM670110-20629 on R/H main
wheel. Installed new instrument air filter p/n AAD9-18-1

Continued on next entry

Total To Carry Forward				
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Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.



Oracle Aviation, LLC
12916 Millard
tim.duffv@oracleaviation.com

www.oracleaviation.com
Airport Plaza

Make	Model	S/N	Tail #	TT/TT	Date
Piper	PA-32RT-300	32R-7885221	N39478	3762.23	4/01/2015

Inspected both main gear and nose gear and lubed and performed gear swing, inspected both wings and empennage and fuselage areas, serviced all tire and brake reservoir.

I certify this ^{airframe mo} ~~engine~~ has been inspected in accordance with an ^{airframe} ~~engine~~ inspection was found to be in an airworthy condition. ^{mo}

Mark Whitney IA 3491353

NOTES



Oracle Aviation, LLC
12916 Millard Airport Plaza
Omaha, NE 68137

www.oracleaviation.com
402.934.5300

Tail #	Tach	Date
N39478	3765.9	4/23/2015

Removed & reinstalled directional gyro, KI-525A, SN 42733
after repair by Butler Avionics. Ops check satisfactory.

Scott Graves

A handwritten signature in blue ink that reads 'Scott Graves'.

A & P Mechanic 508967630

Carry Forward





Oracle Aviation, LLC
12916 Millard Airport Plaza
Omaha, NE 68137

NOTES

www.oracleaviation.com
tim.duffy@oracleaviation.com
402.934.5300

Make	Model	S/N	Tail #	TT/TT	Date
Piper	PA-32RT-300	32R-7685221	N39478	3762.23	4/01/2015

C/W 100Hr inspection IAW CFR 14 part 43 Appendix D.

I certify this **Propeller** has been inspected in accordance with a **100Hr** inspection was found to be in an airworthy condition.

Mark Whitney IA 3491353

REG #	N39478	Signature TECHNICAL 3636 Wilbur Plaza, Eppley Airfield Omaha, Nebraska 68110 FAA REPAIR STATION # MGOR426G LOGBOOK INSERT	DATE	8/6/2014
MODEL	PA32R-300		W/O	OMA-14-559588
SERIAL #	32R-7885221		HOBBS	468.7
ENG. MOD.	IO-540-K165D		ACTT	
ENG. S/N	RL-20095-48A		TACH	3694.56

1. Drained engine oil and installed new oil filter Champion CH48103-1. Cut open old oil filter and visually inspected. No discrepancies noted. Serviced engine with 11 quarts Aeroshell 15W50 engine oil. Washed engine and performed ground run. No leaks or discrepancies noted at this time.

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS FACILITY.

DATE 8/1/2014

SIGNED ALR

Adam Reasoner for CRS# MGOR426G

REG #	N39478	Signature TECHNICAL 3636 Wilbur Plaza, Eppley Airfield Omaha, Nebraska 68110 FAA REPAIR STATION # MGROG426G LOGBOOK INSERT	DATE	8/6/2014
MODEL	PA32R-300		W/O	OMA-14-559588
SERIAL #	32R-7885221		HOBBS	468.7
			ACTT	
			TACH	3694.56

1. Installed new bonding strap Part No. MS25083-2AA6 on right aileron.
2. Removed, disassembled, cleaned and visually inspected left main wheel/tire assembly. No defects noted. Removed tire Part No. 606C86-6, Serial No. 72660249. Installed new tire Part No. 606C86-6, Serial No. 40202120 with new tube Part No. 6.00-6. Greased bearings reassembled and installed wheel/tire assembly.
3. Removed, disassembled, cleaned and visually inspected right main wheel/tire assembly. No defects noted. Removed tire Part No. 606C86-6, Serial No. 72680341. Installed new tire Part No. 606C86-6, Serial No. 40212437 with new tube Part No. 6.00-6. Greased bearings reassembled and installed wheel/tire assembly.
4. Removed left and right brake discs and installed new discs Part No. RA164-21600 with 8 each new brake pads Part No. 066-06200.

The Aircraft and/or Component(s) identified above in the scope of this work order were repaired and/or inspected in accordance with current applicable Federal Aviation Regulations and were determined to be airworthy for return to service. Details of the work order are on file at this facility.

DATE 8/1/2014

SIGNED ALR

Adam Reasoner for CRS# MGOR426G

8/6/2014
OMA-14-559588
468.7
3694.56
inspected. No d performed
CORDANCE WITH O SERVICE.

8/6/2014
OMA-14-559588
468.7
3694.56

noted. Removed tire
120 with new tube

cts noted. Removed
212437 with new

w brake pads Part No.

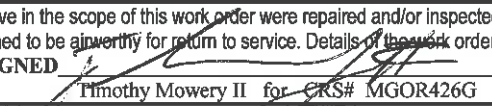
e with current applicable
his facility.

NOTES

REG #	N39478	Signature TECHNICAL 3636 Wilbur Plaza, Eppley Airfield Omaha, Nebraska 68110 FAA REPAIR STATION # MGROG426G LOGBOOK INSERT	DATE	10/21/2014
MODEL	PA32R-300		W/O	OMA-14-559673
SERIAL #	32R-7885221		HOBBS	494.2
			ACTT	
			TACH	

1. Removed Attitude Gyro Part No. 23-501-05-2, Serial No. X41998H.
2. Installed an overhauled Attitude Gyro Part No. 23-501-05-2, Serial No. X96130J. Gyro overhauled by Mid-Continent Instruments & Avionics, CRS# OL2R061L, Wichita, KS. Reference FAA Form 8130-3 with form tracking no. 000240268 dated 3 Sep 2014. Ground operational check satisfactory.

The Aircraft and/or Component(s) identified above in the scope of this work order were repaired and/or inspected in accordance with current applicable Federal Aviation Regulations and were determined to be airworthy for return to service. Details of the work order are on file at this facility.

DATE 10/21/2014 **SIGNED**  Timothy Mowery II for CRS# MGOR426G

onal Asia.
Country:
FED STATES
e and Address
e Turbine Rotables
7. Description
REPAIR

SILVERHAWK AVIATION INC.						DATE	10/08/15
Lincoln Municipal Airport (LNK)						TACH	3809.09
SOF	15-20952						
REG.	N39478						
MAKE	Piper	MODEL	PA32RT-300	SERIAL NO.	32R7885221		

Maintenance Record

1. Complied with 12 month ELT inspection. Ops check of ELT P/N 453-6603 S/N 188-07574 good with no discrepancies noted. Work done ref Title 14 CFR 91.207 para D sec 1-4 and Piper PA32RT-300 SM sec 12-5. Battery expires 5-2021.

The work identified above was repaired and inspected in accordance with current (CFR) Code of Federal Aviation Regulations Title 14 and is approved for return to service as airworthy. Pertinent details of the repair/repairs are on file at this agency under shop order No. 15-20952 Date October 8, 2015

Signed:  for

Silverhawk Aviation Inc. CRS# YQSR759U
Lincoln, NE 68524

10/17/15 TACH: 3813.9 Replaced battery. Serviced, charged & installed new GILL G35 BATTERY.

Kenneth D. Jerry
AIP 453909832
LAKE AVIATION CENTER
CAMDEN, MD 65020