

*The Standard*



**AIRCRAFT LOG**

ASA-SA-2



**AIRCRAFT RECORD — GENERAL INFORMATION**

MANUFACTURER Piper MODEL Pa 32R-300 SERIAL 32R-7780077

REGISTRATION NUMBER N17AR DATE MFG. 1977

ENGINE(S) CURRENTLY INSTALLED.

MFG Lycoming MODEL I0540 K165D SERIAL \_\_\_\_\_

MFG \_\_\_\_\_ MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_

PROPELLER(S) CURRENTLY INSTALLED.

MFG \_\_\_\_\_ MODEL \_\_\_\_\_

HUB MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_

BLADE MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_

BLADE MODEL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_ SERIAL \_\_\_\_\_

YELLOW TAGS ARE IN ENGINE LOG  
BACK COVER

**The Standard**

 **AIRCRAFT LOG**



| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |                           |                  |                             | Book #2 started 9/8/88.                                                                                                                                                                                         |
| 9/8          | 88                        | 2380.9 TT        |                             |                                                                                                                                                                                                                 |
|              |                           | 000.1 Tach       |                             | Installed New Tach. Inspected Airframe IAW                                                                                                                                                                      |
|              |                           | 360 SMON         |                             | an annual inspection. Lubed all hinge points.                                                                                                                                                                   |
|              |                           |                  |                             | Greased gear. Inflated Tires, Replaced TURN                                                                                                                                                                     |
|              |                           | yellow tag →     |                             | coordination w/ New unit. Replaced all brake                                                                                                                                                                    |
|              |                           | Eng Log          |                             | linings. Serviced Hydraulic reservoir. Serviced                                                                                                                                                                 |
|              |                           | brake cover      |                             | battery. Serviced brake reservoir. Reattached                                                                                                                                                                   |
|              |                           |                  |                             | left rear armrest. Reset elt battery. Changed                                                                                                                                                                   |
|              |                           |                  |                             | vacuum regulator filter. Repaired gear                                                                                                                                                                          |
|              |                           |                  |                             | warning horn comply w/ AD 26-07-12 by testing.                                                                                                                                                                  |
|              |                           |                  |                             | AD 78-23-01 by inspection. Repaired <sup>FWD</sup> cowling brace                                                                                                                                                |
|              |                           |                  |                             | I certify that this aircraft has been inspected                                                                                                                                                                 |
|              |                           |                  |                             | IAW an annual inspection & found to be in an                                                                                                                                                                    |
|              |                           |                  |                             | airworthy condition.                                                                                                                                                                                            |
|              |                           |                  |                             | Gregg Andrews AWP17596582IA                                                                                                                                                                                     |
|              |                           |                  |                             | Prop off Due at 128 hrs Tach.                                                                                                                                                                                   |



| DATE<br>19__                                                           | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br><small>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)</small> |
|------------------------------------------------------------------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FAR 91.171 has been accomplished I/A/W Part 43 APP.E Para A B C        |                           |                  |                             | A T C transponder tests and inspections required by FAR 91.172 were performed and were found to comply with F A R PART 43 Appendix F.                                                                                       |
| The altimeter has been tested to 20,000 feet.                          |                           |                  |                             | Signature <u>[Handwritten Signature]</u> W.O.# 11854                                                                                                                                                                        |
| No. 1 make UNITED INSTRUMENT model 503SP-123 serial 3350 date 10/13/88 |                           |                  |                             | NO 1. make KING model KT-78 NO 2. make NONE model _____ date 10/13/88                                                                                                                                                       |
| the radio shop inc. F A A REPAIR STATION E19-48                        |                           |                  |                             | the radio shop inc. F A A REPAIR STATION E19-48                                                                                                                                                                             |

[illegible]

DATE \_\_\_\_\_

1989

## RECORDING

## TACH TIME

**TODAYS  
FLIGHT**

TOTAL  
TIME IN  
SERVICE

**DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS**  
ENTRIES MUST BE ENCLOSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

1-9

74.7

2455.7

Installed Auto Vac 2 in/A/w  
installation manual. SN 0349 Auto Vac.  
See form 337. R Clay  
ATI P# 1005 9AP SER# 0349 ✓

2-1

112.29

2493.29

REMOVE + UPDATE MORROW LORIAN  
yellow tag in engine log book back cover

**A & I PRODUCTS INC.**  
MANUFACTURERS OF AVIATION EQUIPMENT



**ASSOCIATE OF QUICK-CAST LTD.**  
31 CHARLOTTE ST, PLATTSBURGH, NY, 12901  
(518) 563-2282

RAYMOND W. IVES, PRES.

LLOYD A. ARCHER, V.P.

JULIE DICARLO PROD. MGR.



DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND AL  
TRIS MUST BE ENCLOSED WITH NAME, RATING AND CERTICA  
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SP)

Installed Auto Vac 2 in/A  
allation manual. SN 0349  
Form 337. RClay  
P# 1005 9AP SER# 0349  
VE + update MORROW CAR  
w fig IN ENGINE log book

PRODUCTS INC.  
S OF AVIATION EQUIPMENT

QUICK-CAST LTD.  
PITTSBURGH, NY, 12501  
563-2282

LLOYD A. ARCHER, V.P.  
O PROD. MGR.

DATE RECORDING



**KOSOLA AND ASSOCIATES, INC.**  
P. O. BOX 3529  
ALBANY, GEORGIA 31706

FAA APPROVED REPAIR STATION

### SERVICEABLE

The Aircraft and/or Component identified on back of this tag was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order

NO. 16397

DATE 2-9-89

AUTHORIZED SIGNATURE

Carl C. Thompson



**KOSOLA & ASSOCIATES, INC.**  
5601 NEWTON ROAD P.O. BOX 3529  
ALBANY, GEORGIA 31706 U.S.A. 912-435-4119

### ENGINE MOUNT DESCRIPTION OF WORK ACCOMPLISHED:

☒ STRIP PAINT:

☒ SANDBLAST:

☐ TUBES REPAIRED:

☒ TUBES REPLACED: Replace tubes from lower firewall attach point to forward nose gear bushings left and right side.

☐ OTHER REPAIRS:

☐ FAA AIRWORTHINESS DIRECTIVE (AD) COMPLIANCE:

☒ MANUFACTURER SERVICE LETTER/SERVICE BULLETIN COMPLIANCE: SL 799

☒ TIG WELDED PER AC43.13-1A CHAPTER 2, SECTION 2.

☒ STRESS RELIEVE PER REPORT KR-36.

☒ DYE PENETRANT INSPECT NEW WELDS PER AC43.13-1A PARA. 300.

☒ CORROSION PROTECT NEW TUBE INTERIORS PER AC43.13-1A PARA. 248 (n).

☒ PRIME AND PAINT.

THE ENGINE MOUNT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER.

AUTHORIZED SIGNATURE

Carl C. Thompson

DATE 2/9/89

FAA APPROVED REPAIR STATION NO. 701-46.

ROW LORIAN  
log book back cover

Thomas C Close  
A&P 18467647

[illegible]



[illegible]

[illegible]







[illegible]

| DATE<br>19 <u>90</u>                            | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-------------------------------------------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>10/4</u>                                     | <u>578.64</u>             |                  |                             |                                                                                                                                                                                                                 |
| FAR 91.171 has been accomplished                |                           |                  |                             | ATC transponder tests and inspections                                                                                                                                                                           |
| I/A/W Part 43 APP.E Para <u>A B C</u>           |                           |                  |                             | required by FAR 91.177 were performed                                                                                                                                                                           |
| The altimeter has been tested                   |                           |                  |                             | and were found to comply with FAR                                                                                                                                                                               |
| to <u>20,000</u> feet.                          |                           |                  |                             | PART 43 Appendix F                                                                                                                                                                                              |
| Signature <u>[Signature]</u>                    |                           |                  |                             | Signature <u>[Signature]</u> W.O.# <u>14001</u>                                                                                                                                                                 |
| make <u>UNITED INSTRUMENTS</u>                  |                           |                  |                             | NO 1. make <u>KING</u> model <u>KT-78</u>                                                                                                                                                                       |
| model <u>5035P-P23</u>                          |                           |                  |                             | NO 2. make <u>NONE</u> model <u>SN 34918</u>                                                                                                                                                                    |
| serial <u>3350</u>                              |                           |                  |                             | date <u>10/4/90</u>                                                                                                                                                                                             |
| the radio shop inc. F A A REPAIR STATION E19-48 |                           |                  |                             | the radio shop inc. F A A REPAIR STATION E19-48                                                                                                                                                                 |



[illegible]

[illegible]



S, TESTS, REPAIRS AND ALTERATIONS  
NAME, RATING AND CERTIFICATE NUMBER OF  
BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Tach: 629.88  
oses, forward  
wheel bearings  
Serviced nose  
inspection,  
by inspection.  
s installed.  
en inspected  
ion and was

## AUTOPILOTS CENTRAL, INC.

FAA CERTIFIED REPAIR STATION #CM2R747K

INTERNATIONAL AIRPORT

TULSA, OKLAHOMA

Date 11-11-91 Owner \_\_\_\_\_

Serial No. 4871B Unit AMPLIFIER

W.O. No. 95295 Make EDO AIRE Model 11515-1

Remarks: \_\_\_\_\_

Mech. \_\_\_\_\_

Insp. Richard Buckner

SERVICEABLE

AND ALTERATIONS  
CERTIFICATE NUMBER OF  
OTHER SPECIFIC ENTRIES.)

Flight log

N17AR Tach 895.4 Work Order# 15175

Removed 1C709-1 trim amp, 1C535-1 altitude hold, 1C508-1  
pitch servo, & 1C515-1 amplifier for Autopilots Central  
Inc repair. Re-installed after repair along with 52D67  
horizon s/n X14090HZ overhauled @ Castleberry 11/14/91.  
Flight check satisfactory.

Walter Chan 11/20/91  
the radio shop inc. airport worcester, ma 01602  
FAA Repair Station TD5R219N



# CASTLEBERRY

Serviceable Pay

OPERATIONS  
AND MAINTENANCE  
SPECIFIC ENTRIES

REMOVED MR SEP sk in Flightlog  
337 DONE

9/6/91 815.88/456.3 RTR NOSE FIRE

10/28/91 879.93/514.6 RTR trim cable pulley

N17AR Tach 895.4 Work Order# 15175

Removed 1C709-1 trim amp, 1C535-1 altitude hold, 1C508-1 pitch servo, & 1C515-1 amplifier for Autopilots Central Inc repair. Re-installed after repair along with 52D67 horizon s/n X14090HZ overhauled @ Castleberry 11/14/91. Flight check satisfactory.

*Walter Chan*

11/20/91

the radio shop inc. airport worcester, ma 01602

FAA Repair Station TD5R219N



Serviceable Part Tag

CASTLEBERRY

D

19

FAA Repair Station No. U22R232L

N17AR Tach 925.8 Work order# 15260

Installed replacement horizon 52D67 s/n X68954H ohc @  
Castleberry Instruments 12/15/91 WO# J9354.  
Functional check in aircraft satisfactory.

Walter Chman 12/20/91  
the radio shop inc. airport worcester, ma 01602  
FAA Repair Station TD5R219N

[illegible]



| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

DATE 10/22/92 MO MO  
W.O. # 16496 S/N S/N  
TACH RE  
T/T

Log Book Attachment:

Performed static sys  
tests and inspection  
91.413 respectively.

Altimeter - United P/N 5035R-123, S/N 5035  
Transponder - Bendix/King KT-78, S/N 34918

### SCALE CORRECTIONS

| Altimeter<br>Reads | ADD Algebraically |                 |
|--------------------|-------------------|-----------------|
|                    | Room<br>Temp. °C  | Low<br>Temp. °C |
| 0                  | -15               |                 |
| 1000               | -20               |                 |
| 2000               | -30               |                 |
| 3000               | -30               |                 |
| 4000               | -30               |                 |
| 6000               | -35               |                 |
| 8000               | -40               |                 |
| 10000              | -50               |                 |
| 12000              | -30               |                 |
| 14000              | -30               |                 |
| 16000              | -40               |                 |

TESTED BY - Kevin L. Harriman

ALTIMETER No. 5035R-123

| Altimeter<br>Reads | ADD Algebraically |                 |
|--------------------|-------------------|-----------------|
|                    | Room<br>Temp. °C  | Low<br>Temp. °C |
| 18000              | -50               |                 |
| 20000              | -30               |                 |
| 25000              |                   |                 |
| 30000              |                   |                 |
| 35000              |                   |                 |
| 40000              |                   |                 |
| 45000              |                   |                 |
| 50000              |                   |                 |
| 60000              |                   |                 |
| 70000              |                   |                 |
| 80000              |                   |                 |

Kevin L. Harriman  
Inspector HI1R193K

| DATE | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1993 | 1270.4                    |                  |                             | COMPRESSION TEST - OK. SEE Engine Book —                                                                                                                                                                        |
|      |                           |                  |                             | Replaced ALTERNATOR BELT. Piper # 564-851                                                                                                                                                                       |
|      |                           |                  |                             | Removed and replaced Induction air Filter -<br>#18A3 BRACKETT AIR FILTER) 47                                                                                                                                    |
|      |                           |                  |                             | Retracted GEAR in accordance to Manual <sup>OK.</sup>                                                                                                                                                           |
|      |                           |                  |                             | SERVED BATTERY - And BATTERY connectors -                                                                                                                                                                       |
|      |                           |                  |                             | SERVED BRAKES -                                                                                                                                                                                                 |
|      |                           |                  |                             | Lubricated ALL SPECIFIC AREAS - AS - noted -                                                                                                                                                                    |
|      |                           |                  |                             | REMOVED PROP                                                                                                                                                                                                    |
|      |                           |                  |                             | SERVED PROP FOR SLUDGE - CLEANED Replaced O-ring -                                                                                                                                                              |
|      |                           |                  |                             | TIME LEFT ON PROP BEFORE OVERHAUL DUE - 1647.1 TT                                                                                                                                                               |
|      |                           |                  |                             | Amity Aircraft Maintenance Inc.                                                                                                                                                                                 |
|      |                           |                  |                             | WORCESTER AIRPORT WORCESTER, MA                                                                                                                                                                                 |
|      |                           |                  |                             | DATE 3-23-93 TOTAL AIRCRAFT TIME 3651.3 TACH 1270.4                                                                                                                                                             |
|      |                           |                  |                             | SMOH 1631.3 PROP 2028.0 - 04                                                                                                                                                                                    |
|      |                           |                  |                             | I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED                                                                                                                                                          |
|      |                           |                  |                             | IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR                                                                                                                                                                 |
|      |                           |                  |                             | INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY                                                                                                                                                          |
|      |                           |                  |                             | CONDITION. (PER FAR PART 23)                                                                                                                                                                                    |
|      |                           |                  |                             | MECHANIC John P. Capriano                                                                                                                                                                                       |
|      |                           |                  |                             | TITLE NO. A.P. 1A 24308531                                                                                                                                                                                      |

| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7-24-93      |                           |                  | 3704.8<br>TOTAL<br>TIME     | REPLACED BATTERY WITH GILL 635 31260499973<br>ACCA AP18466649                                                                                                                                                   |
|              |                           |                  |                             |                                                                                                                                                                                                                 |
|              |                           |                  |                             |                                                                                                                                                                                                                 |
| 8-12-93      |                           |                  | 3720.3                      | REPACKED NHOOL BRAKING AND CHANGED ALL<br>BRAKE PADS                                                                                                                                                            |

Work Order #6862, Reg. #N17AR, Tach 1421.8 12-16-93

AIRFRAME: Removed the right brake caliper, disassembled, cleaned, and inspected. Cleand some corrosion off the pins and caliper, drilled bolt holes 1/4" dia to clean out, replaced b rings with new and reinstalled caliper on the aircraft, bled the brake system of air using MIL-H-5606 fluid. Serviced the brake fluid reservoir to the proper level. Removed and replaced the landing light with switch with new, operationally tested and found okay.

  
Anthony P. Davenport, AP25564310

Air Services  
Worcester Airport  
Worcester, MA 01602



[illegible]

[illegible]

[illegible]



| DATE<br>19 <sup>95</sup> | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                                                                                   |
|--------------------------|---------------------------|------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          | 1579.3                    |                  |                             | AD. 77-23-03 - Replaced Rod Ends<br>Both (with the Mixture Bolt)<br>Rod End Prop Governor<br>Checked Bushing - Front strut<br>Bar - (changed Bushing)<br>Replace Truncat # with new<br>PIN # 69504-03 NOSE GEAR<br>Replaced "O" Rings for Front<br>actuator. NOSE - GEAR -<br>ELT # 10 BATTERY Replaced<br>DUE NEXT FEB 97<br>At. John P. Copland<br>2432531 / 1A |

— Continued —

| DATE<br>1995 | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                                                                                                                                            |
|--------------|---------------------------|------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |                           |                  |                             | Replaced Two new Brake Discs<br>(2) # 164-21600 - And PADS                                                                                                                                                                                                                                                                                                                                                                 |
|              |                           |                  |                             | Replaced Right Wing - Aileron Rod End<br># 452-334                                                                                                                                                                                                                                                                                                                                                                         |
|              |                           |                  |                             | Replaced (1) Aileron Hinge # 62371-108                                                                                                                                                                                                                                                                                                                                                                                     |
|              |                           |                  |                             | Replaced <sup>with</sup> New 500/5/6/4 Flight Control<br>and Tube - Nose Gear.                                                                                                                                                                                                                                                                                                                                             |
|              |                           |                  |                             | Amity Aircraft Maintenance Inc.<br>WORCESTER AIRPORT - WORCESTER, MA<br>DATE 3-26-95 TOTAL AIRCRAFT TIME 3960.2 TACH 1579.3<br>SMOH 1940.2 PROP 1328.5<br>CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br>IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR<br>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br>CONDITION. (PER FAR PART 28)<br>MECHANIC <u>[Signature]</u><br>TITLE NO. <u>24308531 1A</u> |

P.D.'s referenced to date in REAR OF BOOK -

| DATE<br>19 <u>95</u> | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|----------------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10-28                | 1688.0                    |                  |                             | INSTALLED TO 540 K1051 SIN<br>16989-48A WITH NEW OIL LINES,<br>OIL COOLER S, AND ENGINE MOUNTS<br>REPAIRED ENGINE BAFLE REPLACED<br>ROAR OIL COOLER BAFLE<br>J. C. Allen AR18467667                             |

N17AR Tach 1682.9 Work Order# 18864

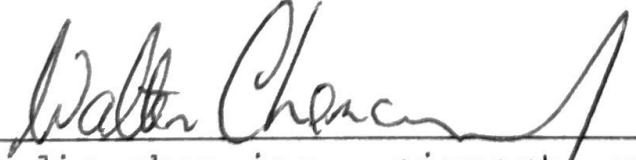
Replaced existing DG with P/N 1U262-003-14 S/N A11767G  
Model 4000C ohc @ Castleberry Instruments 9/27/95  
WO# 20597. Functional check satisfactory.

Walter Chene 9/29/95  
the radio shop inc. airport worcester, ma 01602  
FAA Repair Station TD5R219N



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|---------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1976    |                           |                  |                             |                                                                                                                                                                                                                 |
| 4-16-96 | Annual<br>1742.0          |                  |                             | ① Removed throttle Cable and replaced<br>with <sup>PN</sup> 67639-18 also - operation OK.                                                                                                                       |
|         |                           |                  |                             | ② Mixture cable Replaced with new -<br>PN 67639-10 Function operation OK.                                                                                                                                       |
|         |                           |                  |                             | ③ Replaced prop cable P.N. 67639-15<br>Function OK.                                                                                                                                                             |
|         |                           |                  |                             | ④ Replaced ATTENUATE A.I.R cable PN 6685603<br>Function OK.                                                                                                                                                     |
|         |                           |                  |                             | ⑤ Remove and Install new Vacuum<br>Filter Part No. 757-899 (RAPCO.                                                                                                                                              |
|         |                           |                  |                             | ⑥ Remove and Install NEW Gyno Filter<br>PN. 751-815 (RAPCO RA-9A-15-1)                                                                                                                                          |
|         |                           |                  |                             | ⑦ Fuel Tank placards PN 68669-82<br>Replaced.                                                                                                                                                                   |
|         |                           |                  |                             | ⑧ Replaced Brake pads (SPADS covered<br>06200)                                                                                                                                                                  |
|         |                           |                  |                             | ⑨ Replaced YOKE Universal 62534-502<br>Pilot side - (2)                                                                                                                                                         |
|         |                           |                  |                             | ⑩ Replaced Fuel Placard (2) <sup>PN#</sup> 69669082                                                                                                                                                             |

| DATE<br>19 <u>96</u> | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------|---------------------------|------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | 1742.0                    |                  |                             | <u>Annual</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                      |                           |                  |                             | A.D. 95-20-07- Removed 9/16" Bolts<br>Removed to (1625) Landing gear and Replaced with<br>Both Sides 5/8" Bolts - One Time -<br>P.N. (2) Bolts 78717-002<br>2 nuts 404-399<br>2 Roll pins - 480-891<br>2 Bushing 65003-041<br>Washes - 407-601<br><b>Amity Aircraft Maintenance Inc.</b><br>WORCESTER AIRPORT WORCESTER, MA<br>DATE <u>4-16-96</u> TOTAL AIRCRAFT TIME <u>4122.9</u> TACH <u>1742.0</u><br>SMCH <u>54.0</u> PROP <u>54.0</u><br>CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br>IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR<br>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br>CONDITION. (PER FAR PART 23)<br>MECHANIC <u>John P. [Signature]</u><br>TITLE NO. <u>9430 8531 1A</u><br>(AID List. in REAR OF Book) |

| DATE<br>19__                                                                                                                                                                                                 | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7-24-96                                                                                                                                                                                                      | 1794.47                   |                  |                             | REPLACED RIGHT DRAG BRACE SWIVELS<br>FITTING 95643-007 AND ALL TOXAND LINK<br>BUSHINGS CHECKED LANDING GEAR ALIGNMENT<br>TC AP 18457647 (1A)                                                                    |
| 8-1-96                                                                                                                                                                                                       | 1600.0                    |                  |                             | AD 96-10-03 Removed Flop AS<br>in accordance SB 965 (one time)<br>Replaced Bolt AM23-10 Clovis Bolt<br>installed No. 63900-174 installed<br>A.P. J.P. Chapman                                                   |
| N17AR Tach 1886.6 Work Order# 19719                                                                                                                                                                          |                           |                  |                             |                                                                                                                                                                                                                 |
| Installed Century AK262 glideslope coupler kit. All<br>work done in accordance with AC43.13-1A, AC43.13-2A,<br>and manufacturers instructions. Functional check<br>satisfactory. This is a minor alteration. |                           |                  |                             |                                                                                                                                                                                                                 |
|                                                                                                                          |                           |                  |                             |                                                                                                                                                                                                                 |
| <div> <div>the radio shop inc. airport</div> <div>FAA Repair Station TD5R219N</div> </div> <div> <div>12/30/96</div> <div>worcester, ma 01602</div> </div>                                                   |                           |                  |                             |                                                                                                                                                                                                                 |



| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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N 17AR Tach 1897.4 Work Order# 19753

FAR 91.411 has been accomplished I.A.W. Part 43  
Appendix E, Paragraph A,B,C. The altimeter has  
been tested to 20000 feet.

Altimeter United Inst. P/N 5035P-P23 S/N 3350

Encoder Encoding Altimeter

FAR 91.413 has been accomplished I.A.W. Part 43  
Appendix F.

Transponder King KT-78 S/N 34918

1/8/97

*Conrad P. Wondolowski*  
FAA Repair Station TD5R219N  
the radio shop inc. airport worcester, ma 01602

| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAY<br>FLIGHT |
|--------------|---------------------------|-----------------|
|--------------|---------------------------|-----------------|

3-21 19145

*changed 3  
For Saginaw*

① 751-871

② 762-583

③ 755-919

| DATE<br>19 <u>97</u>                                                                                                                                                                                | RECORDING<br>TACH<br>TIME         | TODAYS<br>FLIGHT   | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3-21                                                                                                                                                                                                | 1914.5                            |                    |                             | Tacked gear and cycled - to specification<br>Served Tires -<br>Served Stuts                                                                                                                                     |
| Changed 3 seals -<br>For gasulator                                                                                                                                                                  |                                   |                    |                             | Changed nose gear glow plug unit, switch 67411-21<br>Replaced Induction Filter BF3 -<br>Replaced All Felt Seals - wheel Bearings<br>05231-08125-14052 WHEEL.                                                    |
| (1) 751-871<br>(2) 762-503<br>(3) 755-919                                                                                                                                                           |                                   |                    |                             | Valuum System Filter (757-899) (757-815)<br>Changed Plugue (head. unit. 35269-05<br>35269.06                                                                                                                    |
| <p align="center"><b>Amity Aircraft Maintenance Inc.</b><br/> WORCESTER AIRPORT WORCESTER, MA</p>                                                                                                   |                                   |                    |                             |                                                                                                                                                                                                                 |
| DATE <u>3-21-97</u>                                                                                                                                                                                 | TOTAL AIRCRAFT TIME <u>4295.4</u> | TACH <u>1914.5</u> |                             |                                                                                                                                                                                                                 |
| SMOH <u>226.05</u>                                                                                                                                                                                  | PROP. <u>226.05</u>               |                    |                             |                                                                                                                                                                                                                 |
| I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED<br>IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR<br>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br>CONDITION. (PER FAR PART 23) |                                   |                    |                             |                                                                                                                                                                                                                 |
| MECHANIC <u>Don [Signature]</u>                                                                                                                                                                     |                                   |                    |                             |                                                                                                                                                                                                                 |
| TITLE NO. <u>IA/AP 102563429</u>                                                                                                                                                                    |                                   |                    |                             |                                                                                                                                                                                                                 |

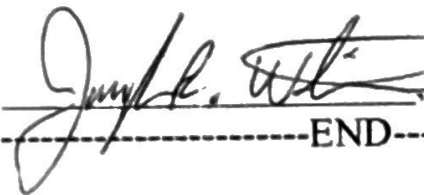
| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Air Services Division, Inc.**

**375 Airport Drive, Worcester, MA 01602**

**Work Order 9126, Reg. N17AR, Tach. 1918.17, 05/01/97**

**Airframe:** Removed both inboard fuel tanks. Replaced fuel sender gaskets with new, P/N 755-049. Replaced all rubber vent line couplings with new, P/N 63913-092 and 093. Reinstalled fuel tanks using a new stainless screw kit. Fueled tanks and checked for leaks.

 AP31466627  
-----END-----



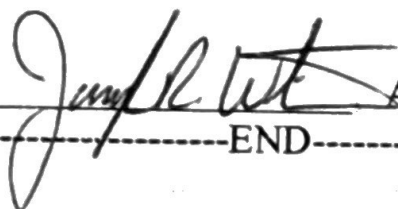
| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |                           |                  |                             |                                                                                                                                                                                                                 |

**Air Services Division, Inc.**

**375 Airport Drive, Worcester, MA 01602**

**Work Order 9399, Reg. N17AR, Tach. 2039.2, 01/28/98**

**Airframe:** Removed landing gear electric motor from the hydraulic powerpack. Replaced the motor brushes and cleaned the commutator in accordance with chapter 5A7, paragraph E. Serviced hydraulic powerpack with 5606 fluid and cycled the landing gear five times. System operation normal. Adjusted all tires to proper specifications.

 AP31466627  
-----END-----

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| DATE<br>19 <u>98</u> | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|----------------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/18                 | 2054.3                    |                  |                             | <u>Annual Inspection -</u>                                                                                                                                                                                      |
|                      |                           |                  |                             | ①. ST BATTERY CHANGED #10 Due 6/00                                                                                                                                                                              |
|                      |                           |                  |                             | ②. Changed Battery (14V) (Grade) 35 Amp.                                                                                                                                                                        |
|                      |                           |                  |                             | ③. Serviced Nose strut. changed<br>All SEALS - Serviced with M. FROSEN<br>Fuels, Hydraulic Fluid 505E.                                                                                                          |
|                      |                           |                  |                             | ④. Removed and changed air filter<br>(BA-3)                                                                                                                                                                     |
|                      |                           |                  |                             | ⑤. Replaced Nose wheel Bearings<br>(2) (08231) (08125) (2) and seal Felts<br>(154-00-600)                                                                                                                       |
|                      |                           |                  |                             | ⑥. Jacked Aircraft and cycled gear<br>(5 TIMES) OK op's.                                                                                                                                                        |

| DATE<br>19 <u>98</u>                                                                                                                                                                                | RECORDING<br>TACH<br>TIME         | TODAYS<br>FLIGHT   | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4/18                                                                                                                                                                                                | 2054.3                            | 3                  |                             | (7) Removed and Rebuilt Both Brake<br>CALIPERS - (MS 28775-222) (4)                                                                                                                                             |
|                                                                                                                                                                                                     |                                   |                    |                             | (8) Removed BRAKE pads and replaced<br>with new.                                                                                                                                                                |
|                                                                                                                                                                                                     |                                   |                    |                             | (9) Repaired Baffle on Exhaust and                                                                                                                                                                              |
|                                                                                                                                                                                                     |                                   |                    |                             | (10) Replaced Exhaust gaskets (77611) (6)                                                                                                                                                                       |
| (582783)<br>(582784)                                                                                                                                                                                |                                   |                    |                             | (11) Replaced Turn limit placard<br>" PLACRD Strut - 582-543                                                                                                                                                    |
|                                                                                                                                                                                                     |                                   |                    |                             | (12) Removed (4) Fuel TANK and replaced<br>with S.B. 1006 - Dve - 7 cylinder YEAR<br>Amity Aircraft Maintenance Inc.                                                                                            |
| WORCESTER AIRPORT, WORCESTER, MA                                                                                                                                                                    |                                   |                    |                             |                                                                                                                                                                                                                 |
| DATE <u>4-18-98</u>                                                                                                                                                                                 | TOTAL AIRCRAFT TIME <u>4135.2</u> | TACH <u>2054.3</u> |                             |                                                                                                                                                                                                                 |
| SMCH <u>366.3</u>                                                                                                                                                                                   | PROP. <u>366.3</u>                |                    |                             |                                                                                                                                                                                                                 |
| I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br>IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR<br>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br>CONDITION. (PER FAR PART 23) |                                   |                    |                             |                                                                                                                                                                                                                 |
| MECHANIC <u>John P. Capen</u>                                                                                                                                                                       |                                   |                    |                             |                                                                                                                                                                                                                 |
| TITLE NO. <u>24308531-1A</u>                                                                                                                                                                        |                                   |                    |                             |                                                                                                                                                                                                                 |

- AD listing in REAR -

| DATE<br>19__                                                | RECORDING<br>TACH<br>TIME  | TODAYS<br>FLIGHT    | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK) |  |  |  | NUMBER OF<br>ENTRIES.) |
|-------------------------------------------------------------|----------------------------|---------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|------------------------|
| THE RADIO SHOP INC. MUNICIPAL AIRP<br>FAA REPAIR STATION. # |                            |                     |                             |                                                                                                                                                                               |  |  |  |                        |
| Altimeter and Static System                                 |                            |                     |                             |                                                                                                                                                                               |  |  |  |                        |
| Altimeter Make                                              |                            | Altimeter Model #   | 50358-923                   |                                                                                                                                                                               |  |  |  |                        |
| Transponder Make                                            |                            | Transponder Model # | KT-78                       |                                                                                                                                                                               |  |  |  |                        |
| At 29.92 Mhz                                                |                            | A/C Alt reads       |                             | 1070                                                                                                                                                                          |  |  |  |                        |
| At Field Elevation                                          |                            | A/C reads           |                             | 29.84                                                                                                                                                                         |  |  |  |                        |
| Check Points                                                | Test Alt Correct SN 403803 | Scale Error         | Tolerance                   |                                                                                                                                                                               |  |  |  |                        |
| -1000                                                       | -1000                      | -980                | +20                         | 20                                                                                                                                                                            |  |  |  |                        |
| 0                                                           | 10                         | +20                 |                             | 20                                                                                                                                                                            |  |  |  |                        |
| 500                                                         | 500                        | 495                 | -5                          | 20                                                                                                                                                                            |  |  |  |                        |
| 1000                                                        | 1000                       | 990                 | -10                         | 25                                                                                                                                                                            |  |  |  |                        |
| 1500                                                        | 1490                       | 1485                | -15                         | 30                                                                                                                                                                            |  |  |  |                        |
| 2000                                                        | 1990                       | 1985                | -15                         | 30                                                                                                                                                                            |  |  |  |                        |
| 3000                                                        | 2990                       | 2980                | -20                         | 35                                                                                                                                                                            |  |  |  |                        |
| 4000                                                        | 3980                       | 3980                | -20                         | 40                                                                                                                                                                            |  |  |  |                        |
| 6000                                                        | 5970                       | 5980                | -20                         |                                                                                                                                                                               |  |  |  |                        |



| DATE<br>19 <u>99</u> | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                                                                                                                                                                |
|----------------------|---------------------------|------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.22                 | 2235.4                    |                  | 46163                       | Replaced Breaker BAZ Reduction<br>Filter.<br>Replaced Muffler shroud -<br>Parts list. Replaced:<br>1-38159-02 - 38162-06 (4) 400-466<br>(4 TABS) 67652-00 (8 SCREWS 419937 (4 AN3-43A)<br>4 X 1/2 TYPE A)<br>7 SCREWS 415-493 MS 35206-228<br><br>NOSE GEAR - (2 FELTS) 754-856 (A-30097<br>MAIN GEAR<br>2 FELT 751-772 (3021)<br>2 FELT 751-810 (154-13)<br>2 RINGS 755-930- (153-15)<br><br>GASULATOR 1 (1-751-871) (1-762-585<br>1-755-919- |

| DATE<br>19 <u>99</u> | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|----------------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4-21                 | 2235.4                    |                  | 4616.3                      | Filter - 1-751-815 (B3-5-1)                                                                                                                                                                                     |
|                      |                           |                  |                             | 1-757-889 (D9-18-1)                                                                                                                                                                                             |
|                      |                           |                  |                             | 1 Prop Seal 755.800                                                                                                                                                                                             |
|                      |                           |                  |                             | Replaced 6 No Blow BASKETS                                                                                                                                                                                      |
|                      |                           |                  |                             | Gear Retract op's OK -                                                                                                                                                                                          |
|                      |                           |                  |                             | GREASED the Specific Parts                                                                                                                                                                                      |
|                      |                           |                  |                             | of Gear.                                                                                                                                                                                                        |
|                      |                           |                  |                             | Am't; Aircraft Maintenance                                                                                                                                                                                      |
|                      |                           |                  |                             | WORCESTER AIRPORT WORCESTER, MA                                                                                                                                                                                 |
|                      |                           |                  |                             | DATE <u>4-22-99</u> TOTAL AIRCRAFT TIME <u>4616.3</u> TACH <u>2235.4</u>                                                                                                                                        |
|                      |                           |                  |                             | SMOH <u>547.4</u> PROP <u>547.4</u>                                                                                                                                                                             |
|                      |                           |                  |                             | CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED                                                                                                                                                            |
|                      |                           |                  |                             | IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR                                                                                                                                                                 |
|                      |                           |                  |                             | INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY                                                                                                                                                          |
|                      |                           |                  |                             | CONDITION. (PER FAR PART 23)                                                                                                                                                                                    |
|                      |                           |                  |                             | MECHANIC <u>John P. Caputo</u>                                                                                                                                                                                  |
|                      |                           |                  |                             | TIME NO. <u>AL 24505531</u> <u>1A</u>                                                                                                                                                                           |
|                      |                           |                  |                             | A.D. List in REAR of Book -                                                                                                                                                                                     |

(Removal Prop and Reinstalled)

Back Bleed Brake System.

OK.



| DATE<br>900 | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5-9         | 1346.4                    |                  | 4727.3                      | Annual Inspection.<br>ELT - Battery Due 6/00                                                                                                                                                                    |
| ✓           |                           |                  |                             | Removed alternator and replaced with new C312R<br>SN. P001800 alternator - Kit with new Bracket.<br>Replaced Battery with new Concord 35 Amp Battery                                                            |
|             |                           |                  |                             | Replaced Brakes with new pads (8) 046-06200                                                                                                                                                                     |
|             |                           |                  |                             | Replaced Two Brake discs 164-21600                                                                                                                                                                              |
|             |                           |                  |                             | Replaced Shimmy Damper 456-016<br>with new.                                                                                                                                                                     |
|             |                           |                  |                             | Replaced Two turn unit placard<br>PN 582-783, PN 35469-6                                                                                                                                                        |
|             |                           |                  |                             | Replaced Air Nose gear and gear Door<br>Return springs - PN - 487-483 (2) 487484-(1)<br>487-487 (1) 587-396 (2)                                                                                                 |
|             |                           |                  |                             | Replaced nose gear Bearings - 400-229,<br>452-623, 452-800, 452-801,                                                                                                                                            |



| DATE                                          | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                                                                                                                                                         |
|-----------------------------------------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5-9-2000                                      | 2346.4                    |                  | 4727.3                      | Annual Cont.<br>Replaced nose gear Bushings PN. 65003-045, 95061-134<br>95061-135, 95061-136. Nose gear Bolts AN 174-15A<br>AN 4-22, Replaced Vacuum Regulator Filter<br>RAB3-5-1 RAC 9-18-1 - (Gasolator Gaskets<br>751-871, 20' Rings - 755-919 - 762-583.<br>Replaced main gear cylinder Hoses (2) 63901-21<br>Jacked gear - All Functions O.K. Cycle -<br>Fried All Cooked - Hydraulic pack.                                        |
| Washed and<br>cleaned Aircraft<br>in and out. |                           |                  |                             | <b>Amity Aircraft Maintenance</b><br>WORCESTER AIRPORT WORCESTER, MA<br>DATE 5-9-00 TOTAL AIRCRAFT TIME 4727.3 TACH 2346.4<br>SMOH 65804 PROP. 65804<br>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br>IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR<br>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br>CONDITION. (PER FAR PART 23)<br>MECHANIC <u>John P. Caputo</u><br>TITLE NO. <u>AL 27308831</u> <u>IA</u> |
|                                               |                           |                  |                             | (A.D. List in Rear of Book)                                                                                                                                                                                                                                                                                                                                                                                                             |



| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
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|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Not kept as otherwise specified was  
15 and in respect to that work

Ready for release to service

Inter JAA.4675.

s/100

Include STORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.

19. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

Includes Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA  
in: airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to  
wo: service.

in: 20. AUTHORIZED SIGNATURE

on: *Randall K. Ferguson*

AP: 22. NAME (TYPED OR PRINTED)

Randall K. Ferguson

21. CERTIFICATE NUMBER

CRS 0L2R061L

23. DATE

7/13/00

\* (Optional) Installer must cross check eligibility with technical data.

the radio shop inc. airport worcester, ma 01602

FAA Repair Station TD5R219N

New Empty Weight 2161.20

New E.W.C.G. 82.11

New Moment 177460.30

New Useful load 1438.80

G.

lar  
All

VFR  
0-138

cy

19

TIME

ARTICLE  
N/A

1

A11786G

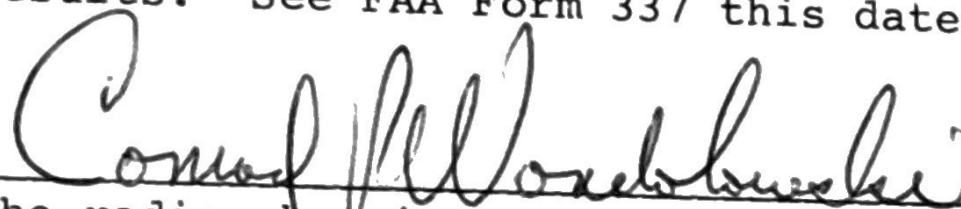
OVERHAULED

DATE NUMBER OF  
SPECIFIC ENTRIES)

N 17AR Tach 2367.0 Work Order# 22040

Removed EdoAire mod 4000C p/n 1U262-003014 s/n A11787G.  
Installed newly overhauled DG of same type and p/n.  
s/n A117-86G. Unit overhauled 07/11/00 Mid-Continent  
Instruments, wo# 524958. Operational check performed  
satisfactory.

Installed II Morrow GX-55 GPS system. A previous similar  
installation was approved (reference STC# SA00464SE.) All  
work done IAW AC43.13-1A, AC43.13-2A, and manufacturers  
installation instructions. The GX-55 is placarded for VFR  
only. A ground and flight test was conducted IAW AC20-138  
APP.1 as modified by FAA Memo 5/24/96 with satisfactory  
results. See FAA Form 337 this date.



07/21/00

the radio shop inc. airport worcester, ma 01602

FAA Repair Station TD5R219N

New Empty Weight 2161.20

New E.W.C.G. 82.11

New Moment 177460.30

New Useful load 1438.80





| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                |
|--------------|---------------------------|------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |                           |                  |                             | N 17AR Tach 2474.0 Work Order # 22616                                                                                                                                                                                                                          |
|              |                           |                  |                             | Removed King KMA-20, Audio Panel, KX-170B Nav-Coms, and KI-214/201 VOR/ILS Indicators.                                                                                                                                                                         |
|              |                           |                  |                             | Installed customer supplied King KMA-24, audio panel KX-155's Nav-Coms. All work done I.A.W. AC43.13-1B, 2A and manufacturers installation instructions. Current load calculated. Weight and Balance computed. Ground and Flight check performed satisfactory. |
|              |                           |                  |                             | New Empty Weight: 2154.20 New Moment: 176980.72                                                                                                                                                                                                                |
|              |                           |                  |                             | New B.W.C.G. 82.16 New Useful load: 1445.80                                                                                                                                                                                                                    |
|              |                           |                  |                             | <i>Conrad F. Wondolowski</i> 07/13/01                                                                                                                                                                                                                          |
|              |                           |                  |                             | the radio shop, inc. airport worcester, ma 01602                                                                                                                                                                                                               |
|              |                           |                  |                             | FAA Repair Station TD5R219N                                                                                                                                                                                                                                    |

[illegible]

| DATE        | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2002<br>4/4 |                           |                  |                             | ELT Due Aug/2002                                                                                                                                                                                                |
|             |                           |                  |                             | Replaced power pack (HYDRAULIC)                                                                                                                                                                                 |
|             |                           |                  |                             | P.N. NYC-5005 SN AH-8560                                                                                                                                                                                        |
|             |                           |                  |                             | CERTIFICATE No NV2R045L                                                                                                                                                                                         |
|             |                           |                  |                             | Replaced Flap Hinges -                                                                                                                                                                                          |
|             |                           |                  |                             | (2) 452-336 (2) 452-335                                                                                                                                                                                         |
|             |                           |                  |                             | (2) AH 3-12A Bolts                                                                                                                                                                                              |
|             |                           |                  |                             | Replaced Vacuum Filter                                                                                                                                                                                          |
|             |                           |                  |                             | P.N. AN4-22                                                                                                                                                                                                     |
|             |                           |                  |                             | Replaced Two Turn Limit Plack                                                                                                                                                                                   |
|             |                           |                  |                             | Cards - PN 582-783 PN 35669-6                                                                                                                                                                                   |
|             |                           |                  |                             | Replaced all Bushings on gear link ASS                                                                                                                                                                          |
|             |                           |                  |                             | PN 452-474 PN 65003-45 PN 452-323                                                                                                                                                                               |
|             |                           |                  |                             | PN 95061-133 PN 452-450(2) PN 400-229                                                                                                                                                                           |



| DATE        | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|---------------------------|------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2002<br>4/4 | 2566.4                    |                  | 4949.9                      | <p>Replaced Induction Filter</p> <p>BA-3</p> <p>Replaced Starter <sup>Model</sup> 149-12PM <sup>SA</sup> F2P-110203</p> <p>Replaced insulator "O" Ring + gaskets</p> <p>1-751-871 1-755-919 1-762-503</p> <p>Replaced Two Main Tires - and Tubes</p> <p>(2) Flight Custom III's 600/6-6</p> <p>(1) Replaced nose tire &amp; tube</p> <p>Flight custom<sup>th</sup> 500/5/6</p> <p>Amit Aircraft Maintenance Inc.</p> <p>WORCESTER AIRPORT WORCESTER, MA</p> <p>DATE 4/4/02 TOTAL AIRCRAFT TIME 4949.9 TACH 2566.4</p> <p>SMOH 578.4 PROP 878.4</p> <p>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br/>IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR<br/>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br/>CONDITION. (PER FAR PART 23)</p> <p>MECHANIC <u>John P. Adams</u></p> <p>TITLE NO. <u>24308531 1A</u></p> |

Replaced (8) Brake tracks - 806-0620

Replaced Two Brake Discs 164-2160

| DATE         | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                                                                                                                                                                                                            |
|--------------|---------------------------|------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9003<br>5/28 | 2678.0                    |                  | 5059.3                      | Replaced gear Door Hinges + Pins -<br>PN 63744-11(2) PN 67093-05(1)<br>PN 67095-00(1) PN 67093-04(1) PN 67095-01(1)<br>Replaced Vacuum pump AA 215CC-T (New)<br>Replaced (6) OR Return Line Hoses<br>SL-STD-2180<br>Removed Right Inboard Tank<br>Replaced Sanding unit seals<br>(Replaced inter connect Hose)<br>PN 63913-092<br>Changed upper inter connect Hose<br>PN 63913-093<br>Changed gasulator gaskets -<br>(1) 751-821 (1) 755-919 (1) 762-503<br>John P. Capuano<br>24308531 1A |

Annual  
Inspection





[illegible]

5/28/04 - Installed new -  
 TT 2765.7 new Fuel and  
 oil hoses.

|   |    |                    |    |
|---|----|--------------------|----|
| 1 | 1S | 111F417-3S0244     |    |
|   |    | ASSY REF: 63901-40 |    |
|   |    | LOT 41253158       | EA |
| 2 | 1S | 111F417-4S0130     |    |
|   |    | HOSE ASSY          |    |
|   |    | LOT 41253160       | EA |
| 3 | 1S | 111F417-4S0336     |    |
|   |    | ASSY               |    |
|   |    | LOT 41253162       | EA |
| 4 | 1S | 111F417-6S0116     |    |
|   |    | HOSE ASSY          |    |
|   |    | LOT 41253163       | EA |
| 5 | 1S | 111F504-8D0196     |    |
|   |    | HOSE ASSY          |    |
|   |    | LOT 41253170       | EA |

John P. Capuano  
 24308531 1A

CERTIFICATE

As the Quality Manager of Aviall, I hereby certify that we are an approved distributor to Texas. The part(s) on this document are in new or newly overhauled condition and Manufacturers' Certifications are maintained on file at our central office location and 8130-3 (return to service) or yellow tag, from the FAA approved overhaul shop, are

AV20 R2-99

DATE 5/20/04 TOTAL AIRCRAFT TIME 1077.7  
 SMOH 1077.7 PROP 1077.7  
 I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED  
 IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR  
 INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY  
 CONDITION. (PER FAR PART 43)  
 MECHANIC John P. Capuano  
 TITLE NO. 24308531 1A

Replaced (8) Jaws of life  
 207.9 - N/A (8)  
 111F417-3S0244  
 111F417-4S0130  
 111F417-6S0116  
 111F504-8D0196  
 Replaced 3x  
 41253170

| DATE                                                   | RECORDING TACH TIME        | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------------------------------------------------|----------------------------|---------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5/28/04                                                | 2765.7                     |               |                       | ELT Battery Due 5/05 - Etop's good.                                                                                                                                                                          |
|                                                        |                            |               |                       | Replaced (8) BRAKE PADS PN 066-06200                                                                                                                                                                         |
|                                                        |                            |               |                       | Serviced Stabilizer screw - Turn                                                                                                                                                                             |
|                                                        |                            |               |                       | Changed GASULATOR Gaskets -                                                                                                                                                                                  |
|                                                        |                            |               |                       | (1) 751871 (2) 755919 (1) 762503                                                                                                                                                                             |
|                                                        |                            |               |                       | Replaced Fuel and OIL HOSES                                                                                                                                                                                  |
|                                                        |                            |               |                       | on Engine - listed SEPARATE.                                                                                                                                                                                 |
|                                                        |                            |               |                       | Replaced CHT probe PN. CHT-511                                                                                                                                                                               |
|                                                        |                            |               |                       | Serviced (3) Struts -                                                                                                                                                                                        |
|                                                        |                            |               |                       | Replaced up-limit switch on NOSE gear                                                                                                                                                                        |
|                                                        |                            |               |                       | Amity Aircraft Maintenance # 67411-06                                                                                                                                                                        |
|                                                        |                            |               |                       | WORCESTER AIRPORT WORCESTER, MA                                                                                                                                                                              |
| DATE 5/28/04                                           | TOTAL AIRCRAFT TIME 5147.2 | TACH 2765.7   |                       |                                                                                                                                                                                                              |
| SMOH 1077.7                                            | PROP 1077.7                |               |                       |                                                                                                                                                                                                              |
| I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED |                            |               |                       |                                                                                                                                                                                                              |
| IN ACCORDANCE WITH AN ANNUAL / 100 HOUR - 50 HOUR      |                            |               |                       |                                                                                                                                                                                                              |
| INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY |                            |               |                       |                                                                                                                                                                                                              |
| CONDITION. (PER FAR PART 43)                           |                            |               |                       |                                                                                                                                                                                                              |
| MECHANIC John P Capuano                                |                            |               |                       |                                                                                                                                                                                                              |
| TITLE NO 24308531 IA                                   |                            |               |                       |                                                                                                                                                                                                              |

Replaced (8) Bushings on Torque Links  
 (1) PN. 67026-007  
 (2) Torque Links Bushings PN 453-774  
 Re-tracet Test ops good - Safety  
 Prop. Good  
 Replaced Induction Filter BA-3  
 Replaced ALTERNATOR Belt 56489  
 Lubricated All Specific Areas



| DATE            | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|-----------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2004<br>8/28/04 | 2797.0                    |                  |                             | Replaced muffler Stack - (1)<br>PKL 675-17-00                                                                                                                                                                   |
|                 |                           |                  |                             | Replaced (6) no Blow gaskets<br>SL-77617                                                                                                                                                                        |
|                 |                           |                  |                             | A.T. for P. Capenard<br>2430853/4                                                                                                                                                                               |
|                 |                           |                  |                             | N 17AR Tach 2897.9 Work Order 24549                                                                                                                                                                             |
|                 |                           |                  |                             | FAR 91.411 has been accomplished I.A.W. Part 43<br>Appendix E, Paragraph A,B,C. The Altimeter has been<br>Tested to 20,000 feet.                                                                                |
|                 |                           |                  |                             | Altimeter: United Instruments 5035P-P23 s/n 3350                                                                                                                                                                |
|                 |                           |                  |                             | Encoder: Encoding Altimeter                                                                                                                                                                                     |
|                 |                           |                  |                             | FAR 91.413 has been accomplished I.A.W. Part 43<br>Appendix F.                                                                                                                                                  |
|                 |                           |                  |                             | Transponder: King KT-78 s/n 34918                                                                                                                                                                               |
|                 |                           |                  |                             | <div style="display: flex; justify-content: space-between;"> <div> <i>Paul F. Wondolowski</i> </div> <div>11/21/05</div> </div>                                                                                 |
|                 |                           |                  |                             | the radio shop inc. airport worcester, ma 01602<br>FAA Repair Station TD5R219N                                                                                                                                  |

| DATE | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                      |
|------|---------------------------|------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6-1  | 2844.5                    |                  | 5226.0                      | <p>Replaced BA-3 Induction Filter<br/>Replaced Vacuum Filter BA-09-181</p> <p>Replaced (8) Brake pads - 66-06200<br/>(Replaced ALTERNATOR Belt -<br/># 564-851</p> <p>Replaced Battery Cable with copper<br/>STC-SA 3531NM<br/>Replaced Prop - See New Prop Book</p> |

Amity Aircraft Maintenance

WORCESTER AIRPORT WORCESTER, MA

DATE 6/1/85 TOTAL AIRCRAFT TIME 5226.0 TACH 2844.5

SMOH 1156.5 PROP New - See Prop Book

I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED  
IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR  
INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY  
CONDITION. (PER FAR PART 43)

MECHANIC [Signature]

TITLE NO. 24302537 1A

AD. sts - ERATE Sheets

| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

N17AR Tach 2895.6 WO# 24543

Removed UPS AT GX-55 GPS and King KX-155 Nav-Com System. Installed Garmin GNS-430 GPS/Com/Nav/ILS system. The GPS receiver is TSO'd class A1. GPS equipment was previously approved under STC#SA00705WI. The GNS-430 was interfaced to A Garmin GI 106A indicator. The installation was made with reference to Garmin GNS-430 installation manual p/n 190-00140-02 Rev. N, dated 02/05. The GNS-430 meets requirements of AC 20-138 for VFR/IFR enroute, terminal, and non-precision approaches. The instrument panel has been placarded "GPS FOR VFR USE ONLY" until a flight test is performed to insure proper operation as set forth in AC20-138 for VFR/IFR enroute, terminal and non-precision approach operations. This alteration was performed in accordance with AC43.13-1B, chapter 11, section 3 thru 15, 17, and 19, Chapter 12 section 3; AC43.13-2A chapter 1 and 2 section 21, 22, 23, chapter 3 section 36, 44 and manufacturers installation instructions. The aircraft weight and balance has been updated and equipment list revised.

New Empty Weight: 2154.75

New Moment: 175953.76

New E.W.G.G. 81.65

New Useful Load: 1445.25

*Conrad P. Wondolowski*

11/17/05

N17AR Tach 2896.90 Work Order 24547

This FAA Form 337 is to update the previously installed Garmin GPS 430 GPS from VFR only use to IFR enroute, terminal, and non-precision approach use. See form 337 dated 11/17/05 for original installation). Evaluated the previously installed GPS cockpit layout of installed equipment, annunciators, and switching to verify suitability of arrangement and accessibility, labeling, and day/night operation with reference to AC 20-138 par. 8b (3). All items found to be satisfactory. Evaluation of system conducted using Garmin International, Inc. 430 Series Installation Manual Number 190-00140-02, Rev. N, dated 02/05. The Garmin GPS 430 GPS System is a follow on installation with reference to Garmin International, Inc. STC SA00705WI. The equipment installed is certified by their respective manufacturers to meet the minimum requirements of AC 20-138. Ground tests performed following the installation confirm these units meet those requirements. The flight test of the system was conducted on 11/19/05 to insure the system functioned within the specific limits of IFR enroute, approach operations as set forth in AC 20-138, Para. 8.C.(2) A Flight Manual Supplement, Document No. 190-00140-04 Rev. J, has been provided to the aircraft owner/operator. Maintenance of equipment is "on condition only". The aircraft weight and balance was previously updated and the equipment list previously revised.

*Conrad P. Wondolowski*

12/08/05

the radio shop, inc. airport worcester, ma 01602  
FAA Repair Station TD5R219N



FAR 91.411 has been accomplished IAW part 43 appendix E, paragraph A, B, C. The altimeter was tested to 20,000 ft.

Altimeter: United Instruments 5035P-P23 s/n 3350

Encoder: Encoding Altimeter

FAR 91.413 has been accomplished IAW part 43 appendix F.

Transponder: King KT-78 s/n 34918

*Carol J. Wondolowski* 12/13/06  
the radio shop, inc. airport worcester, ma 01602  
FAA Repair Station TD5R219N

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS  
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF  
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

5 Replaced Engine Mounts J3809-40<sup>(4)</sup> LERO  
Serviced Tires - Serviced Struts.  
Checked Brakes - Pads 66 662 - (8)  
Replaced Induction Filter BA-3 (8)  
Serviced Hydraulic pump. Cycled  
gear op's good -  
Replaced Trim cables - <sup>Formal</sup> MS 24566-B  
MC 62701-042  
Serviced Stabilizer Screw - trim  
SLT BATTERY Due ( 9/07 )  
Replaced pulley (8) MS 24566-KB

### Amity Aircraft Maintenance

WORCESTER AIRPORT WORCESTER, MA  
DATE 5/16/06 TOTAL AIRCRAFT TIME 5303.5 TACH 2922.0  
SMOH 1234.0 PROP See Prop Book  
I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED  
IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR  
INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY  
CONDITION. (PER FAR PART 43)  
MECHANIC *John P. Capuano*  
TITLE NO 24365531-1A

FAA-PMA #PQ1008SW

Replacement Door Seal for Piper Aircraft

P/N: ETA-500

For Piper Aircraft Models: PA28-140, -150, -151, -160, -161, -180, -181, -201T, -235, -236; PA28R-180, -200, -201, -201T; PA28RT-201, -201T; PA 28S-160, -180; PA32-260, -300, -300T, -301, -301T; PA32R-300, -301, -301T; PA32S-300; PA32RT-300, -300T; PA34-200, -200T (Seneca I/II), -220T (Seneca III/IV/V)

Aircraft Door Seals, LLC.

7100 N.W. 63rd Street, Hangar 1002

Bethany, Oklahoma 73008

405-470-3636, Fax 405-470-3637

MAR 27 2007

APPROVED

SLC

DATE

RECORDING

TOTAL

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS  
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF  
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Removed and replaced with  
new - #2 Muffler  
Pipe 38137-06

Muffler 67517-00

Replaced (4) Anti-Blow  
77611 7ASKets.

Replaced (2) new  
calipers #091-08100

Replaced (2) Brake Hoses  
N 111417-45-0404

Replaced ELT #10 Due  
6/09 1AW 91P. ops good

Replaced (1) E-35 Concord  
Battery

Replaced (2) Front Door eyes

402-057  
Replaced (2) Bushing 63900-46  
102639



| DATE         | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------|---------------------------|------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2007<br>5/25 |                           |                  |                             | Replaced (2) Door Pins - 424-0-204<br>Replaced (1) Rear Trim Bushing<br>65258-005<br>Replaced Door Seal -<br>PN. ETA. 500<br>Cycled gear & good<br>Greased All Undercarriage.<br>Lub. All Linkages.<br>Washed + Cleaned Airsoft<br>IN - OUT. 757899 - 757815<br>Vacuum Filters<br>Unity Aircraft Maintenance<br>WORCESTER AIRPORT WORCESTER, MA<br>DATE 5/25/07 TOTAL AIRCRAFT TIME 5397.7 TACH 3016.5<br>SMON _____ PROP See Prop Book<br>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br>IN ACCORDANCE WITH AN ANNUAL /100 HOUR - 50 HOUR<br>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br>CONDITION. (PER FAR PART 43)<br>MECHANIC John J. Duquand<br>TITLE NO. 24305531-1A |

Reduction  
 Replaced  
 Added BA-3





[illegible]

| DATE<br><i>6/9/08</i>  | RECORDING<br>TACH<br>TIME       | TODAYS<br>FLIGHT                      | TOTAL<br>TIME IN<br>SERVICE  | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                                                                                                                                                                                          |
|------------------------|---------------------------------|---------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>6/9/08</i>          | <i>5463.4</i>                   | <i>1</i>                              | <i>5463.4</i>                | <p><i>Changed Vac pump Filter PA-AN4-22</i><br/> <i>Isolator - 3 Jaskets PA 751-871</i><br/> <i>762-503 / 755-919</i><br/> <i>BA3 Deduction Filter - (changed)</i><br/> <i>1 rep switch actuator 451-848</i><br/> <i>(2) 600/6 Thylt Castor the tires</i><br/> <i>(2) 600/6 tubes. (changed)</i><br/> <i>Brakes OK</i><br/> <i>Hydraulic Fluids OK.</i><br/> <i>Cycled gear - op's good -</i><br/> <i>Revised Batteries -</i><br/> <i>Amity Aircraft Maintenance</i></p> |
| <i>Subrec'd Gear -</i> | <i>Subrec'd Air Speed Probe</i> | <i>Washed &amp; Cleaned Fuel</i>      | <i>Subrec'd Thrust screw</i> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                        |                                 | <i>Replaced Props on the Turbines</i> |                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                        |                                 |                                       |                              | <p>WORCESTER AIRPORT WORCESTER, MA<br/> DATE <i>6/9/08</i> TOTAL AIRCRAFT TIME <i>5463.4</i> TACH <i>3080.2</i><br/> SMOH <i>1393.9</i> PROP <i>See Prop Book</i><br/> I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br/> IN ACCORDANCE WITH AN ANNUAL /100 HOUR - 50 HOUR<br/> INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br/> CONDITION (PER FAR PART 43)<br/> MECHANIC <i>John P. Chapman</i><br/> TITLE NO. <i>94308531 1A</i></p>              |



| DATE<br>19__ | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |                           |                  |                             |                                                                                                                                                                                                                 |
|              |                           |                  |                             |                                                                                                                                                                                                                 |
|              |                           |                  |                             | N <u>17AR</u> Tach <u>3149.0</u> Work Order <u>25588</u>                                                                                                                                                        |
|              |                           |                  |                             | FAR 91.411 has been accomplished I.A.W. Part 43<br>Appendix E, Paragraph A,B,C. The altimeter has been<br>tested to <u>20,000</u> feet.                                                                         |
|              |                           |                  |                             | Altimeter: <u>United Instruments 5035P-P23 s/n 3350</u>                                                                                                                                                         |
|              |                           |                  |                             | Encoder: <u>Encoding Altimeter</u>                                                                                                                                                                              |
|              |                           |                  |                             | FAR 91.413 has been accomplished I.A.W. Part 43<br>Appendix F.                                                                                                                                                  |
|              |                           |                  |                             | Transponder: <u>King KT-78 s/n 34918</u>                                                                                                                                                                        |
|              |                           |                  |                             | <u>Conrad F. Worcelowski</u> 09/19/08<br>the radio shop, inc. airport worcester, ma 01602<br>FAA Repair Station TD5R219N                                                                                        |
|              |                           |                  |                             |                                                                                                                                                                                                                 |
|              |                           |                  |                             |                                                                                                                                                                                                                 |
|              |                           |                  |                             |                                                                                                                                                                                                                 |
|              |                           |                  |                             |                                                                                                                                                                                                                 |
|              |                           |                  |                             |                                                                                                                                                                                                                 |

| DATE<br>7/5/09                                                                                                                                                                                                                                                                 | RECORDING<br>TACH<br>TIME<br>3208:57 | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE<br>5589.9 | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A.D. 9/7/01. 01. GEN. SER. - STAYED<br>Due 100 HR. 24305537<br>AD 95 26.13 OIL Cooler Hose Acc.<br>Due 100 HR. Jo Lin Cap removed<br>AD 782301. Fuel Pump Door.<br>Due 100 HR. Jo Lin Cap removed<br>AD 780912 - Ignition Switch<br>Due 100 HR. Jo Lin Cap removed<br>24305537 |                                      |                  |                                       | <p><u>ANNUAL Inspection:</u></p> <p>Replace ELT10 Doc 9/11</p> <p>Changed. (1) A38137-05</p> <p>300 (3) MUFFLER Sys</p> <p>(1) A67517-00 300 3 Muffler Sys</p> <p>(6) 77611 GASKETS -</p> <p>Replaced (8) Brakepads 068-06200</p> <p>Cleaned + serviced CASALATOR.</p> <p>(751-871) (762-503) (755-919)</p> <p>Replaced (4) Rod Gear Door</p> <p>Pn. 452-335</p> <p>Replaced Two Brake Pads 16421600</p> <p>Replaced Tack Cable Pn. 486-589</p> <p>Recycled GEAR - Adjusted</p> <p>GEAR DOORS.</p> |
|                                                                                                                                                                                                                                                                                |                                      |                  |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                |                                      |                  |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                |                                      |                  |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                |                                      |                  |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| DATE | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2009 |                           |                  |                             |                                                                                                                                                                                                                 |
| 7/5  | 3208.7                    |                  | 5589.9                      | Packed wheel BEARINGS                                                                                                                                                                                           |
|      |                           |                  |                             | Lubricated Specific AREAS.                                                                                                                                                                                      |
|      |                           |                  |                             | Prop. Handle (checked-Lubed)                                                                                                                                                                                    |
|      |                           |                  |                             | Cleaned AIRCRAFT. inside<br>outside.                                                                                                                                                                            |
|      |                           |                  |                             | Amity Aircraft Maintenance                                                                                                                                                                                      |
|      |                           |                  |                             | WORCESTER AIRPORT WORCESTER, MA                                                                                                                                                                                 |
|      |                           |                  |                             | DATE 7/5/09 TOTAL AIRCRAFT TIME 5589.9 TACH 3208.7                                                                                                                                                              |
|      |                           |                  |                             | SMOH 1520.4 PROP. See Prop Book                                                                                                                                                                                 |
|      |                           |                  |                             | I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br>IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR<br>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br>CONDITION. (PER FAR PART 43)             |
|      |                           |                  |                             | MECHANIC John P. Capuano                                                                                                                                                                                        |
|      |                           |                  |                             | TITLE NO. 24308531-1A                                                                                                                                                                                           |

ADs checked through  
 July 03, 09.  
 [Signature]

24308531-1A



| DATE<br>8/10 | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|--------------|---------------------------|------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | 3253.0                    |                  |                             | Changed Brakepads - (8S)<br>PN 066-06200-                                                                                                                                                                       |
|              |                           |                  |                             | Changed governor -<br>PN. 751-871, 755-919, 762-503                                                                                                                                                             |
|              |                           |                  |                             | Changed BA-3 Induction<br>Filter.                                                                                                                                                                               |
|              |                           |                  |                             | Changed Stack Warning Filter<br>PN 757-899                                                                                                                                                                      |
|              |                           |                  |                             | ELT Due 9/10 (SLT #10)                                                                                                                                                                                          |
|              |                           |                  |                             | Changed (3) Bolts - AN5-36<br>(2) Bushing A3-4                                                                                                                                                                  |

John P. [Signature]  
24308531 1A

[illegible]

|               |        |       |              |                  |
|---------------|--------|-------|--------------|------------------|
| Date: 8/30/10 | Hobbs: | Tach: | N 17AR       | Airframe Repairs |
| 19. AFTT:     |        |       | A/C Serial # | 32R-7780077      |

Performed the following repairs utilizing the manufacturer's maintenance manuals:

1. Troubleshoot nose gear intermittent indication issue to down lock switch. Removed and replaced down switch P/N 67411-021 with new. Removed and replaced up indication switch actuator P/N 451-848 with new (supplied by owner).
2. Removed and replaced on both L/R MLG torque links: Piper P/N's (2) 691-308 bolts, (2) 691-315 bolts, (2) 691-316 bolts, (4) 453-721 bushings, (8) 67026-007 bushings, and all washers and cotter pins as necessary.
3. Removed and replaced on both L/R MLG side braces: Piper P/N's: (2) 402-927 bolts, (2) 400-761 bolts, (8) 14843-016 bushings, and all washers and cotter pins as necessary.
4. Removed and replaced on the L/H MLG Piper P/N 95643-006 bracket assy with a used serviceable part. (See Dawson Aircraft w/o 7536 for info)
5. Removed and replaced on both the L/R MLG bracket assemblies Piper P/N (2) 67026-012 bushings and (2) 65003-041 bushings.
6. Removed and replaced on the NLG: Piper P/N's: (1) 400-871 bolt; (1) 400-192 bolt; (1) 402-316 bolt; (1) AN4-22 bolt; (2) 452-800 bushings; (2) 67026-007 bushings; (1) 95061-135 bushing; (1) 95061-136 bushing; and all washers and cotter pins as necessary.
7. C/W Piper SB 1161 Rib Assembly Inspection and Modification by installation of Piper Kit P/N 767-397 on the L/H side and Piper Kit P/N 767-398 on the R/H side.
8. Cleaned, primed and painted MLG torque links, side brace upper links, and blocks as necessary.
9. Serviced tires.
10. Removed all MLG and NLG actuator hoses. Replaced all MLG and NLG actuator hoses with new. See Eastern Aero Supply, Inc. w/o #16725 for details.
11. Removed, repaired and reinstalled the NLG right side aft brace rear mount to fuselage bracket.
12. Disassembled nose gear aft brace rear mount as necessary to facilitate tunnel repair. Stop drilled small crack in lower flange of nose gear tunnel on R/H side near engine mount/gear mount bracket. Fabricated and installed a repair patch on the baggage compartment side of the tunnel. Reassembled gear as necessary.

Continue





| DATE                                                         | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------|---------------------------|------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2011<br>5/12                                                 | 3305.0                    |                  | 5656.2                      | ELT. Due 9/11 ELT #10<br>Replaced Battery (GUL G-35)<br>Replaced static Filter PN 757899<br>Replaced Governor Gaskets -<br>(751871) 755919) 762-583)<br>Serviced wheel Bearings<br>Serviced Brakes -<br>Jack Aircraft - cycled gear<br>op's good<br>C/Piper Service Manual 753-690                                                                                                                                                                                                                      |
| AD 76-07-12 Ignition Switch -<br>Op. Good Thru 100 hr Annual |                           |                  |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| AD 97-01-01 Slick Brakes -<br>C/P - One Time                 |                           |                  |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                              |                           |                  |                             | <p><b>Amity Aircraft Maintenance</b></p> <p>WORCESTER AIRPORT WORCESTER, MA</p> <p>DATE <u>5/12/2011</u> TOTAL AIRCRAFT TIME <u>5656.2</u> TACH <u>3305.0</u></p> <p>SIMOH <u>16167</u> PROP <u>See prop Book</u></p> <p>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br/>IN ACCORDANCE WITH AN ANNUAL 1000 HOUR - 50 HOUR<br/>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br/>CONDITION. (PER FAR PART 43)</p> <p>MECHANIC <u>[Signature]</u></p> <p>TITLE NO. <u>3452748</u></p> |

DATE  
19\_\_

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  
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)

Mass Aviation, LLC.  
375 Airport Drive  
Worcester, MA 01602

Date: 8/5/11 W/O: 1026 Reg #: N17AR Tach: 3351.3

**AIRFRAME:** Drilled out rivets on forward wing walk skin and removed skin. Found 3 cracks on center rib lower flange. Stop drilled cracks. Fabricated patch out of .032 aluminum and riveted to lower skin that was previously stop drilled. Riveted into place. Fit new wing walk skin to plane. Riveted n placed using original rivet type, size and spacing. All work was done in reference with AC 43.13-1B and Piper maintenance manual.

*Brian Galt*

AP31589366

DATE  
19\_\_

RECORDING  
TACH  
TIME

[illegible]



| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                  | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5/29/12                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5757.8                    |                  | 3376.6                      | <p>Replaced LEFT Side Brace Bracket<br/>PN 95643-006.</p> <p>Changed Brake pads (S)<br/>PN 066-06200</p> <p>Replaced RA-D9-18-1 Nonmetric<br/>Filter.</p> <p>Replaced Vacuum Filter<br/>B-3-5-1</p> <p>Serviced gasolator -<br/>Pa 751-871 Pa 755-919 Pa 762-503</p> <p>Shimmy Damper - Serviced</p> |
| <p>WORCESTER AIRPORT WORCESTER, MA</p> <p>DATE 5/29/12 TOTAL AIRCRAFT TIME 5757.8 TACH 3376.6</p> <p>SMOH 1688.3 PROP See Prop Book</p> <p>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br/>IN ACCORDANCE WITH AN ANNUAL / 100 HOUR - 50 HOUR<br/>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br/>CONDITION. (PER FAR PART 43)</p> <p>MECHANIC <u>John P. O'Connell CA</u></p> <p>TITLE NO. <u>349/2748</u></p> <p>Continued</p> |                           |                  |                             |                                                                                                                                                                                                                                                                                                      |

| DATE | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES) |
|------|---------------------------|------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/12 | 5757.8                    |                  | 3376.6                      | Changed ELT Battery<br>Due (8/13)                                                                                                                                                                              |
|      |                           |                  |                             | Adjusted Axle Cables -<br>35 PSI                                                                                                                                                                               |
|      |                           |                  |                             | Serviced Tires -<br>Repacked wheel Bearings<br>Serviced Train (ART) STABLES                                                                                                                                    |
|      |                           |                  |                             | Lubricated all specific<br>areas by dipper Manned                                                                                                                                                              |
|      |                           |                  |                             | SM 753-690                                                                                                                                                                                                     |
|      |                           |                  |                             | John P. Chapman IA                                                                                                                                                                                             |
|      |                           |                  |                             | 349 2748                                                                                                                                                                                                       |

| DATE<br>90B        | RECORDING<br>TACH<br>TIME | TODAYS<br>FLIGHT | TOTAL<br>TIME IN<br>SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF<br>MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)                                                                                                                                                                                                                  |
|--------------------|---------------------------|------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | 5809.3                    |                  | 5809.3                      | Changed BA-3 air Filter - PH PH<br>Changed Front Wheel Bearings 08231 08225<br>Serviced Tires + wheel Bearings<br>Lubricated all specific areas.<br>Checked Exhaust (Retorqued)<br>Serviced 5 timing dumper.                                                                                                                                                                                                                     |
| Serviced Gasolator |                           |                  |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PH 751-871         |                           |                  |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 755-919            |                           |                  |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 762-503            |                           |                  |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                    |                           |                  | AD                          | c/w 13-02-13 - Replaced two<br>Bands #MS21251-B55                                                                                                                                                                                                                                                                                                                                                                                |
| Back Filter:       |                           |                  |                             | Reset all cables -                                                                                                                                                                                                                                                                                                                                                                                                               |
| B-3-5-1            |                           |                  |                             | Replaced Seat Hose 3' x 3 Feet.                                                                                                                                                                                                                                                                                                                                                                                                  |
| Automatic Filter   |                           |                  |                             | Replaced Door Seal 12/05-04753                                                                                                                                                                                                                                                                                                                                                                                                   |
| RA 09-18-1         |                           |                  |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Completed SB1197C  |                           |                  |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                    |                           |                  |                             | <p>WORCESTER AIRPORT WORCESTER, MA</p> <p>DATE 7/1/13 TOTAL AIRCRAFT TIME 5809.3 TACH 3428.1</p> <p>SMOH 1739.8 PROP See Prop Book</p> <p>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br/>IN ACCORDANCE WITH AN ANNUAL /100 HOUR - 50 HOUR<br/>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br/>CONDITION. (PER FAR PART 43)</p> <p>MECHANIC <u>John P. Capuano</u></p> <p>TITLE NO. <u>34920748 1A</u></p> |

DATE

TOTAL  
TIME IN  
SERVICEREFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO  
FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

2014

5/2/14 5831.3

Changed Gasolator gaskets

PN 751-871<sup>PH</sup> - 755-919<sup>PH</sup> 762-503 & 4 B9-18-1Change Two Main Ties - (2) 600-6 Flight  
Custom III. Changed (2) Tubes 600-6

PN 302 246-401

Changed Nose Tie 500-5 Flight  
Custom III. Changed Nose Tie Tube

PN 092-308-0

Changed Battery G-35

Changed ELT Battery Due Apr-16

DATE 5/2/14 WORCESTER AIRPORT WORCESTER, MA

TOTAL AIRCRAFT TIME 5831.3 TACH 3450.1

SMOH 1761.8 PROP 602 PPH Book

I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED

IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR

INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY

CONDITION. (PER FAR PART 43)

MECHANIC

TITLE NO.

AD-Roseville Bill Wakely -  
Changed CHT-510 probeRepacked Air Bearings  
Changed Trim + Lubricated



18019

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.

A.D. 76-07-12 Quantity Sufficient of seed  
Due 100 Hrs - Annual

5/2/14

AD 11-26-04 fuel lines - checked OK.  
Due 100 HR. Annual -

Due 100 Hrs Annual -  
AD. 78 ~~23~~ -01 - Fuel Drain Ass - checked  
Due 100 Hrs Annual -

AP John Placencia  
349 2748

FAR 91.411 has been accomplished I.A.W. Part 43  
Appendix E, Paragraph A,B,C. The altimeter has been  
tested to 20,000 feet.

Altimeter: United Instruments 5035P-P23 s/n 3350

Encoder: Encoding altimeter

FAR 91.413 has been accomplished I.A.W. Part 43  
Appendix F.

Transponder: Garmin GTX-330 s/n 84142287

Conrad M. Wondolowski 12/18/15  
the radio shop, inc. airport worcester, ma 01602  
FAA Repair Station TD5R219N

| DATE         | A. D. NUMBER | TOTAL TIME IN SERVICE | AIRWORTHINESS DIRECTIVES<br>CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.                                                                                                                                                                                                                                                                                                                           |
|--------------|--------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12/15        |              |                       | <p>Torque VALVE COVERS</p> <p>Repair Baffle &amp; Left gear Door</p> <p>Service Gasolator</p> <p>PN 751871</p> <p>755-919</p> <p>762-503</p> <p>Check muffler &amp; Retorque</p> <p>(Replace Ignition Switch -</p> <p>PN# 10-357210-1</p> <p>Replaced Filter BA-3</p> <p>Cleaned oil screen &amp; Replaced</p> <p>gasket.</p> <p>Service Shimmy Damper -</p> <p>Cycled gear ops. Good</p>                           |
| Replaced     |              |                       |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gill Battery |              |                       |                                                                                                                                                                                                                                                                                                                                                                                                                     |
| G-35         |              |                       |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|              |              |                       | <p>WORCESTER AIRPORT WORCESTER, MA</p> <p>DATE 6/4/15 TOTAL AIRCRAFT TIME 5883.1 TACH 3501.9</p> <p>SMOH 1813.6 PROP See prop Book</p> <p>I CERTIFY THAT THE AIRCRAFT ENGINE HAS BEEN INSPECTED</p> <p>IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR</p> <p>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY</p> <p>CONDITION. PER FAR PART 43</p> <p>MECHANIC John Capuano</p> <p>TITLE NO. 3492048 CA</p> |
|              |              |                       | ELT Battery Due APR. 16 - ops good                                                                                                                                                                                                                                                                                                                                                                                  |

| DATE            | A. D. NUMBER | TOTAL TIME IN SERVICE | AIRWORTHINESS DIRECTIVES<br>CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.                                                                                                                                                                                                                                                                                                           |
|-----------------|--------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010<br>6/24/10 |              | 5916.3                | <p>LEFT Inboard Tank - Repaired 337<br/> paper work, Cert. 13164450<br/> Woodstock Aircraft Service Inc<br/> Changed Fuel Tank Hoses.<br/> PO. 4500229281 PO. 4500224920</p> <p>Changed gasolator Gaskets and<br/> Cleaned Screen. #PN 751-871<br/> PN 755-919 PN. 762-503<br/> Aeromatic B9-18-1 - Stan warning<br/> Filter B-3-5-1</p>                                                            |
|                 |              |                       | <p>WORCESTER AIRPORT - WORCESTER, MA</p> <p>DATE 6/24/10 TOTAL AIRCRAFT TIME 5916.3 TACH 35351</p> <p>SMOH 18468 PROP See Prop Book</p> <p>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED<br/> IN ACCORDANCE WITH <u>ANM 11A</u> 50 HOUR<br/> INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY<br/> CONDITION.</p> <p>MECHANIC <u>John Capra</u><br/> TITLE NO. <u>3492748 1A</u></p> |



| DATE       | A. D. NUMBER | TOTAL TIME IN SERVICE | <div data-bbox="1115 124 1540 156">AIRWORTHINESS DIRECTIVES</div> <div data-bbox="783 156 1881 191">CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.</div> |
|------------|--------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 19<br>2016 |              |                       | <div data-bbox="570 124 740 252">Tact</div> <div data-bbox="740 220 953 284">3538.1</div>                                                                               |
|            |              |                       | Jacked A/c Cycled SEAR                                                                                                                                                  |
|            |              |                       | GREASED A/c                                                                                                                                                             |
|            |              |                       | Wheel Bearing - Adjusted                                                                                                                                                |
|            |              |                       | Torque Links                                                                                                                                                            |
|            |              |                       | AP. John P. A. Juarez                                                                                                                                                   |
|            |              |                       | 3492748 1A                                                                                                                                                              |
|            |              |                       | Researched A/D's -                                                                                                                                                      |
|            |              |                       | AD 11-26-04 Inspection Lines -                                                                                                                                          |
|            |              |                       | C/W Due Annual/100 HR                                                                                                                                                   |
|            |              |                       | A/P 76-07-12 - Inspection Wt. Tech -                                                                                                                                    |
|            |              |                       | 80's Good Due Annual/100 HR                                                                                                                                             |
|            |              |                       | A/D 85-26-13 - Oil Cooler - HOSES                                                                                                                                       |
|            |              |                       | C/W Due Annual/100 HR                                                                                                                                                   |

| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TOTAL TIME IN SERVICE | MANUFACTURERS MANDATORY SERVICE BULLETINS<br>CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5952.9                | <p>Cleaned SST hooks -</p> <p>Changed Brake tools (S) 066-26200</p> <p>Changed BA-3 air filter.</p> <p>Changed ELT Battery June - 2019 Due</p> <p>(ops good)</p> <p>Gasolator gaskets #751871 #755919-762583</p> <p>Repaired LEFT gear door.</p> <p>Repaired Front gear - Hinge</p> <p>Replaced CHT-510 prop.</p> <p>Cleaned and lubed. DuPont.</p> <p>Repaired Brake cable -</p> <p>Stems: <del>7.4AR</del> - OPS - Good.</p> |
| <p>WORCESTER AIRPORT WORCESTER, MA</p> <p>DATE <u>10/17</u> TOTAL AIRCRAFT TIME <u>5952.9</u> TACH <u>3571.2</u></p> <p>SMOH <u>1829.0</u> PROP <u>See Prop Book</u></p> <p>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED</p> <p>IN ACCORDANCE WITH AN ANNUAL /100 HOUR - 50 HOUR</p> <p>INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY</p> <p>CONDITION. (PER FAR PART 43)</p> <p>MECHANIC <u>John P. Romano</u></p> <p>TITLE NO. <u>3493748 A</u></p> |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                |

| DATE<br>7/27 | TOTAL<br>TIME IN<br>SERVICE | EQUIPMENT ADDITION, REMOVAL OR EXCHANGE<br>ITEM — MFG NAME — MODEL — SERIAL |                                                                                                                                                                                                                                                                  |
|--------------|-----------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |                             |                                                                             | <input type="checkbox"/> Addition of Optional Equipment<br><input type="checkbox"/> Removal of Optional Equipment<br><input type="checkbox"/> Addition of Required—Exchanged for Optional<br><input type="checkbox"/> Removal of Required—Exchanged for Optional |
|              |                             | AD. 11-26-04 Compressor Levers<br>C/W. Due 100 HR - Annual                  | <input type="checkbox"/> Addition of Optional Equipment<br><input type="checkbox"/> Removal of Optional Equipment<br><input type="checkbox"/> Addition of Required—Exchanged for Optional<br><input type="checkbox"/> Removal of Required—Exchanged for Optional |
|              |                             | AD. 74-07-12 Injection Switch<br>Op - Good. Due 100 HR - Annual             | <input type="checkbox"/> Addition of Optional Equipment<br><input type="checkbox"/> Removal of Optional Equipment<br><input type="checkbox"/> Addition of Required—Exchanged for Optional<br><input type="checkbox"/> Removal of Required—Exchanged for Optional |
|              |                             | AD. 95-26-13 Oil Cooler Hoses<br>C/W - Due 100 HR - Annual                  | <input type="checkbox"/> Addition of Optional Equipment<br><input type="checkbox"/> Removal of Optional Equipment<br><input type="checkbox"/> Addition of Required—Exchanged for Optional<br><input type="checkbox"/> Removal of Required—Exchanged for Optional |
|              |                             | AD. 78-23-01 Fuel drain door<br>Tack (3671.2)                               | <input type="checkbox"/> Addition of Optional Equipment<br><input type="checkbox"/> Removal of Optional Equipment<br><input type="checkbox"/> Addition of Required—Exchanged for Optional<br><input type="checkbox"/> Removal of Required—Exchanged for Optional |
|              |                             | AD. 98-18-12 Torque check<br>Inspection - C/W                               | <input type="checkbox"/> Addition of Optional Equipment<br><input type="checkbox"/> Removal of Optional Equipment<br><input type="checkbox"/> Addition of Required—Exchanged for Optional<br><input type="checkbox"/> Removal of Required—Exchanged for Optional |
|              |                             |                                                                             | <input type="checkbox"/> Addition of Optional Equipment<br><input type="checkbox"/> Removal of Optional Equipment<br><input type="checkbox"/> Addition of Required—Exchanged for Optional<br><input type="checkbox"/> Removal of Required—Exchanged for Optional |
|              |                             |                                                                             | <input type="checkbox"/> Addition of Optional Equipment<br><input type="checkbox"/> Removal of Optional Equipment<br><input type="checkbox"/> Addition of Required—Exchanged for Optional<br><input type="checkbox"/> Removal of Required—Exchanged for Optional |



