45412

#2

The Standard

# AIRCRAFT LOG

ASA-SA-2

14 MAR 2014

TACH: 2481.8

HOBBS: 6044.1

TOTAL TIME ENG: 4781.8

1-36M

NCDA & CS
Veterinary Division - Poultry

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## **Aircraft Record** General Information

**Manufacturer** American general A/C Corp **Model** AG5B

**Serial** 10059 **Registration Number** N123VU

**Date of Manufacture** 7-9-91

**Engine(s) currently installed:**

**Manufacturer** Lycoming **Model** O-360-A4K SN L32954-36M

**HUB Model** 76EM8510-6-63 **Serial** 30594K **Serial**

**Blade Model** **Serial** **Serial** **Serial**

**Blade Model** **Serial** **Serial** **Serial**

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | DATE 11-25-97 TACH TIME 2300 TOTAL TIME 2300 | | | Install new Zero time |
| | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTU | | | tach P/N CD-122-5038 |
| | CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. | | | S/N 5159. |
| | AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THAT | | | Install new Stall |
| | AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH | | | Horn P/N SC628ANP |
| | 100HR INSPECTION AND WAS DETERMINED TO BE IN | | | S/N 9501-4 |
| | AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 1895 | | | |
| | SIGNATURE Courtesy Wipaire | | | |
| | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L | | | |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | |

LOG BOOK ENTRY

AIRCRAFT N 123VU DATE DEC 31 1997

The component identified below was repaired or inspected in accordance with current FAA regulations, and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order number 97-2615.

ACTION: ADJUSTED BLIND ENCODER PN 478-2003 SN M3285 TO PROPER FLO ELEVATION.

Signed : Aaron Bell

For Ron Collins Aviation Electronics Inc. Repair Station
PG2R082L, 6103 Flightline Drive, Evansville, In 47711

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 2-10-98 | Tach | 75 | Install | overhauled Attitude Gyro P/N I#367-207-15 |
| | S/N 8670A | | N/C test & leak test ok. Details endorsed 1954 | |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L Courtney Myers |

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| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | DATE 3-3-98 TACH TIME 100 TOTAL TIME 2400 C/W A/D 95-19-15 DATED 11-17-95 in accordance with AG Service Bulletin SB185 DATED 7-6-94 Found OK at this time Next Insp due A+ total time of 2900 Hrs. Install new tire on Main Landgear. |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED FLIGHT CONTROLS AND SYSTEM CHECKED. FU AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 1961 |
| | | | | SIGNATURE Courtney Myers |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L |
| | | | | ELT INSPECTED AS FOLLOWS:<br>1. PROPER INSTALLATION<br>2. BATTERY CORROSION<br>3. OPERATION OF CONTROLS AND CRASH SENSOR<br>4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA |
| | | | | DATE 3-3-98 TACH TIME 100 |
| | | | | SIGNATURE Courtney Myers |
| | | | | FAA REPAIR STATION NM2R036L |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 5-21-98 | TACH 170 | | | Installed new Vac pump Stratus 2 ICE A/C tested Pump found to operate OK - Detail on file under WO 12028 |
| | | | | VINCENNES UNIVERSITY<br>COMMERCIAL REPAIR STATION<br>FAA REPAIR STATION NM2R036L<br>Courtney Myers |
| 7-17-98 | | | | DATE 7-17-98 TACH TIME 200 TOTAL TIME 2500<br>INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR. ~~ANNUAL~~ INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12047<br>SIGNATURE Dick Hamilton<br>VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION<br>FAA REPAIR STATION NM2R036L |
| | | | | ELT INSPECTED AS FOLLOWS:<br>1. PROPER INSTALLATION<br>2. BATTERY CORROSION<br>3. OPERATION OF CONTROLS AND CRASH SENSOR<br>4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA<br>DATE 7-27-98 TACH TIME 200<br>SIGNATURE Dick Hamilton<br>FAA REPAIR STATION NM2R036L |

ARTEX AIRCRAFT SUPPLIES, INC.
10714 S. Township Road, Canby, Oregon 97013
(503) 266-3959 800-547-8901
150 C910 Transport Canada Approved
Battery Pack Only P/N 00-20-058 Rev. A
Env. Cat. C14/D0163/XXX/XXXX/88888
Replace Battery — Jun. 00

NEW ELT BATTERY Installed Due to date. New DUE DATE is JUNE 2000. DETAILS ON FILE AT THIS Facility UNDER W.O.# 12051.

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| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | DATE 10-21-93 TACH TIME 300 TOTAL TIME 2600 - Install ALL NEW BRAKE |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE |
| | | | | CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL Lining PN 66-105 |
| | | | | AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS |
| | | | | AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A |
| | | | | 100 Hr INSPECTION AND WAS DETERMINED TO BE IN |
| | | | | AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12114 |
| | | | | SIGNATURE Courtney Myers |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION |
| | | | | FAA REPAIR STATION NM2R036L |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | DATE 3-18-99 TACH TIME 400 TOTAL TIME 2700 |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO. 12212 |
| | | | | SIGNATURE Courtney Myers |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L |
| | | | | ELT INSPECTED AS FOLLOWS: 1. PROPER INSTALLATION 2. BATTERY CORROSION 3. OPERATION OF CONTROLS AND CRASH SENSOR 4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA |
| | | | | DATE 3-18-99 TACH TIME 400 |
| | | | | SIGNATURE Courtney Myers |
| | | | | FAA REPAIR STATION NM2R036L |
| | | | | C/W AD 98-25-10 DATED 12-24-98 ON Seat Belt Buckles Found OK according to Figure #1. No more Inspection Required |
| | | | | |
| | | | | |
| | | | | |

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| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | DATE 7-13-99 TACH TIME 500 TOTAL TIME 2800 |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE |
| | | | | CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL |
| | | | | AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS |
| | | | | AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A |
| | | | | 100 Hr INSPECTION AND WAS DETERMINED TO BE IN |
| | | | | AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12288 |
| | | | | SIGNATURE Courtney Myers |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION |
| | | | | FAA REPAIR STATION NM2R036L |
| | | | | The transponder described below was checked |
| | | | | in accordance with FAR 43 Appendix F and is |
| | | | | airworthy for return to service. |
| | | | | Make KING Model KT76A |
| | | | | Serial 84593 Date 09-02-99 |
| | | | | Signed _____ for |
| | | | | Aero Communications Inc. CRS RJ2R137L |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | |
| | | | | DATE 9-20-95 TACH TIME 600 TOTAL TIME 2900 C/WA/D 95-19-15 |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hour INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12339 |
| | | | | SIGNATURE Courtney Boyles |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L |
| | | | | Dated 11-17-95 in accordance with AG Service Bulletin SB 185 Dated 7-6-94 Found okat this time Need Insp Port At total time of 3400 |

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| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | DATE 12-3-99 TACH TIME 700 TOTAL TIME 3000 |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12422 |
| | | | | SIGNATURE Courtney Myers |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L |
| | | | | **ELT INSPECTED AS FOLLOWS:** |
| | | | | **1. PROPER INSTALLATION** |
| | | | | **2. BATTERY CORROSION** |
| | | | | **3. OPERATION OF CONTROLS AND CRASH SENSOR** |
| | | | | **4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA** |
| | | | | DATE 12-3-99 TACH TIME 700 |
| | | | | SIGNATURE Courtney Myers |
| | | | | FAA REPAIR STATION NM2R036L |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 12-1 | | | | |
| | | | | |
| 2- | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| 1 UNITED STATES | 2 FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION | 3 SYSTEM TRACKING REF NO. CLIANCE AVIATION |
|---|---|---|
| 4 ORGANIZATION: Global Tech Instruments 18380 Enterprise Lane, Huntington Beach, CA 92648 | | 5 WORK ORDER CONTRACT OR INVOICE NUMBER 47357 |

| 6 ITEM | 7 DESCRIPTION | 8 PART NUMBER | 9 ELIGIBILITY | 10 QTY | 11 SERIAL BATCH NO | 12 STATUS/WORK |
|---|---|---|---|---|---|---|
| 1 | ATT GYRO | 10367-207-15 | Various | 1 | T8188A | OVERHAUL |

13 REMARKS

LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW

14 NEW ☐ NEWLY OVERHAULED ☐

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

NOTE: In case of parts to be exported, the special requirement of the importing country have been met.

15 SIGNATURE

16 FAA AUTHORIZATION NO

17 NAME (TYPED OR PRINTED)

18 DATE

19 Return to Service in Accordance with FAR 43.9

Certifies that the work specified in block 12 (as attached) was carried out in accordance with FAA airworthiness and in respect to the work performed the part(s) is (are) approved for return to service.

20 AUTHORIZED SIGNATURE

21 CERTIFICATE NO G30R208N

22 NAME (TYPED OR PRINTED)

23 DATE 10-19-99

1-15

0410

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WORK ORDER Nº 47357

# GLOBAL TECH INSTRUMENTS

18380 ENTERPRISE LANE
HUNTINGTON BEACH, CA 92648
714-375-1811

FAA REPAIR STN. NO. G3OR208N
CLASS 1 - 2 - 3 - 4 - ACCESSORY III

CUSTOMER: CHANCE AVIATION
CUSTOMER PO. NO. VERBAL
DATE REC. 7-1-99
DATE DUE. ASAP
DATE COMPLETED. 10-19-99
INSTRUMENT ATT GYRO
MFG. EDO AIRE
PN. 10367-207-15
SN. T8188A
OUR INVOICE NO:

WORK TO BE PERFORMED: CHECK ONE:

- ☐ REPAIR
- ☐ CALIB.
- ☐ FUNCTIONAL TEST
- ■ OVERHAUL
- ☐ A.D. COMPLIANCE

FINDINGS: CHECK ONE:

- ☐ OVER PRESSURED
- ☐ PHYSICAL MISHANDLING
- ☐ SEVERE ENVIRONMENT
- ■ AGE AND LONG SERVICE
- ☐ OVERLOAD

PARTS USED:

| QTY. | PN. | QTY. | PN. |
|---|---|---|---|
| 1 | 1V285-991 | | |
| 2 | S30006-003 | | |
| 1 | S30006-002 | | |
| 1 | S30027-001 | | |

CALIB. SPECS. USED: EDO AIRE 9700 SPECS
EQUIPMENT USED:
REPAIRMAN:
INSPECTOR:

| READING | ERROR | READING | ERROR | READING | ERROR | READING | ERROR |
|---|---|---|---|---|---|---|---|
| STAT BAL | | | | | | | |
| ROTOR SPEED | | | | | | | |
| COAST TIME | | | | | | | |
| PENDULOSITY | | | | | | | |
| END PLAY | | | | | | | |
| ERECTION | | PASS | | | | | |
| PITCH | | | | | | | |
| ROLL | | | | | | | |
| SETTLING | | | | | | | |
| CASE LEAK | | | | | | | |
| LIGHTS | | | | | | | |

OVERHAULED & CLEANED UNIT. REPLACED ROTOR & BRGS. MATTE FINISHED MASK, DIAL & HORIZON BAR. BALANCED HORIZON BAR & BOTH GIMBALS. CLEANED GLASS & FILTER, SET PENDULOSITY. REASSEMBLED UNIT & CALIBRATED PER MFGS SPECS.

HYST. 1 FRICTION: 0 LEAKAGE: 0
OTHER:
WORK PERFORMED:

- ☐ REPAIRED
- ☐ CALIB.
- ☐ FUNCTIONAL TEST
- ■ OVERHAUL
- ☐ A.D. COMPLIANCE

The aircraft instrument identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and was found airworthy for return to service. Pertinent details of the repair are on-file at this agency under Work Order No. listed above.

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | DATE 3-10-2000 TACH TIME 800 TOTAL TIME 3100 Installed new nose |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEMS CHECKED. FUEL tire (P/N 5.00-5) Installed |
| | | | | AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A two new Eyebrow lights. |
| | | | | 100 HR. ___ INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12508 (P/N GE-1495) |
| | | | | SIGNATURE Dick Hamilton |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036 |
| 4-10-00 | TACH 854 | | | Install new Cowl Hinge P/N 5101030-503-101 |
| | | | | Details on file under wo 12532 VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036 Courtney Myers |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | DATE 5-16 2000 TACH TIME 900 TOTAL TIME 3200, Installed new landing light in left wing. (P/N 01-0770346-03) |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO# 12556 Sealed fuel leak in trailing edge of left fuel tank. (Sealant P/N CS3204-B½) |
| | | | | SIGNATURE Dick Hamilton |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L |
| | | | | ELT INSPECTED AS FOLLOWS: 1. PROPER INSTALLATION 2. BATTERY CORROSION 3. OPERATION OF CONTROLS AND CRASH SENSOR 4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA New ELT BATT. Installed due to Expiration Date. New Due date is July, 2002. (P/N BP-1030) Details on file under W.O. #12556. |
| | | | | DATE 5-16-2000 TACH TIME 900 / 3200 Total Time |
| | | | | SIGNATURE Dick Hamilton |
| | | | | FAA REPAIR STATION NM2R036L |

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| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | DATE 9-12-00 TACH TIME 1000 TOTAL TIME 3300 |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12602 |
| | | | | SIGNATURE Courtney Myers |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L |
| | | | | ELT INSPECTED AS FOLLOWS: 1. PROPER INSTALLATION 2. BATTERY CORROSION 3. OPERATION OF CONTROLS AND CRASH SENSOR 4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA |
| | | | | DATE 9-12-00 TACH TIME 1000 |
| | | | | SIGNATURE Courtney Myers |
| | | | | FAA REPAIR STATION NM2R036L |
| | | | | Install new main tires 600x6 6PLY Condor. New Living Installed R+S #6 PN 66-105 Install ① New Wheel Bearing & Race (PN 13836 - & 13889) on Both Main Gear Install new Int Hose (PN) (717BA165B018) |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 9-15-00 | TACH 1009 | | | Install new Wheel Bearings and Cone Both Mains (PN 13889-20629 Bearing) & (PN 13836-20629 Race) INBD Wheel Bearing Installed under WO 12602 Same PN as ot BD. Install new Nose Wheel Bearing (PN 08125-20629-) & Race PN 0823 -20629) Detail on File under WO 12615 |

VINCENNES UNIVERSITY
COMMERCIAL REPAIR STATION
FAA REPAIR STATION VM2R036L
Courtney Myers

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| MIT. 11 | RECORDING TACH TIME | T FI |
|---|---|---|
| | | |

N123VU, S
Removed fr

I certify that the
ATC transponde
& F.
DATE: 2
#1 XPONDE
MAKE: K
WO#:

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|

N123VU, S/N 10059.
Removed II Morrow encoder and installed new Trans-Cal SSD120-30K (s/n a-46468).

I certify that the Automatic Pressure Altitude Reporting Equipment and ATC Transponder System Integration Tests and the ATC transponder tests required by FAR PART 91.413 were performed and found to comply with FAR PART 43, APPENDIX E, & F.

DATE: 28 September, 2000 ENCODER S/N: A-46468
#1 XPONDER
MAKE: KING MODEL: KT76A SERIAL NUMBER: 37661
WO#: 026905 SIGNED: _____

AVIONICS TECHNOLOGIES, INC.
282 AIRPORT ROAD
SUITE 201
ANDERSON, IN 46017
Crs# V8AR389N

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ADDITIONAL MATERIALS USED

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | DATE 11-1-2000 | | TACH TIME 1100 TOTAL TIME 3400 | Installed new carb. Air filter (P/N BA4305), Installed two New Brake Linings on L/MAIN (P/N 66-105), Installed 2 new brake Linings on R/MAIN (P/N-66-105), Installed new 4" Seat hose on Carb. Intake. C/W A.D. 95-19-15 Dated 11-17-95 on Wing Attach Shoulder bolts I.A.W. A.G. S.B. 185 DATED 7-6-94. Bolts found to be O.K. At this time Next Due date is At TOTAL Time of 3900 HRS. |
| | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12653 | | | |
| | SIGNATURE Dick Hamilton | | | |
| | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L | | | |

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| DATE 19__ | RECORDING TACH TIME |
|---|---|
| 11-27-00 | + P |
| 2-6-01 | + |

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 11-27-00 | TACH 1135 | | | Install New Fuel transducer on Press gauge P/N 9306410 OPS CK OK. Detailson File under WO 12663 VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L Courtney Myers |
| 2-6-01 | TACH 1198 | | | Install new nose tire PN 600X5 6PLY AND NOW HUB 500X5 092-308-0 Detailon file under WO 12697 VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L Courtney Myers |

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ADDITIONAL MATERIAL PAGES

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | DATE 02-16-2001 TACH TIME 1200 TOTAL TIME 3500 Installed New Rudder bushings |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE (P/N 902013-1), Installed new |
| | | | | CHECKED FLIGHT CONTROLS AND SYSTEM CHECKED. PUBL Landing Light in Rt. Wing (P/N 01-0710346-01) |
| | | | | AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS Installed (2) two New Aft Rudder |
| | | | | AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN Cables (P/N 5602107-506) I.A.W |
| | | | | ANNUAL INSPECTION AND WAS FOUND TO BE IN Tiger Service MANUAL Chapt. 27-2-1 |
| | | | | AIRWORTHY CONDITION. DETAILS ON FILE UNDER W.O. 12700 Pg. 501 Section (A) 1-10, Sealed left |
| | | | | SIGNATURE Dick Hamilton Fuel tank on otbd. trailing edge with (CS 3204-B2) Sealant. |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION Installed two new bolts and lock-Nuts where Nosegear bolts to Torque tube. (EXP. 8-01 Bolts - NAS464P6N31 Lock-Nuts - MS21083N6). |
| | | | | FAA REPAIR STATION NM2R036L Installed New Cowl hinge (P/N 5101030-503-701). |
| | | | | DLT INSPECTED AS FOLLOWS: |
| | | | | 1. PROPER INSTALLATION |
| | | | | 2. BATTERY CORROSION |
| | | | | 3. OPERATION OF CONTROLS AND CRASH SENSOR |
| | | | | 4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA |
| | | | | DATE 02-16-2001 TACH TIME 1200 |
| | | | | SIGNATURE Dick Hamilton |
| | | | | FAA REPAIR STATION NM2R036L |

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| RECORDING TACH TIME | TODAYS FLIGHT |
|---|---|
| 12-31 TACH | 1250 |
| Wheel Bearing | |
| #22 EXP | |
| DATE 7-30-2001 | |
| INSPECT AIRFRAM | |
| CHECKLD. FLIGHT | |
| AND ELECTRICAL | |
| AIRCRAFT HAS BE | |
| 100 HR IN | |
| AIRWORTHY CON | |
| SIGNATURE | |
| VINCENNES UN | |

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | D… Er… Te… |
|---|---|---|---|---|
| 3-21-01 | TACH 1250 | Install new | | |
| | Wheel Bearing | Cleaned | | |
| | #22 Exp Date 8-03 | | | |

DATE 7-30-2001 TACH TIME 130…
INSPECT AIRFRAME INTERIOR AND E…
CHECKED. FLIGHT CONTROLS AND S…
AND ELECTRICAL SYSTEMS CHECKE…
AIRCRAFT HAS BEEN INSPECTED IN A…
100 HR. INSPECTION AND WAS…
AIRWORTHY CONDITION. DETAILS O…
SIGNATURE Dick Hamilton
VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION
FAA REPAIR STATION NO. ZR036L

1 UNITED STATES

# FAA FORM 8130-3
## AIRWORTHINESS APPROVAL TAG
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

3 SYSTEM TRACKING REF. NO. ~~4C101~~

2 ORGANIZATION: ~~CESSNA AIRCRAFT COMPANY~~
CESSNA PARIS DISTRIBUTION DEPT. 702
5800 E PAWNEE, WICHITA, KS 67218

5 WORK ORDER, CONTRACT, OR INVOICE NO. 21299

| 6 ITEM | 7 DESCRIPTION | 8 PART NUMBER | 9 QUANTITY | 10 QTY | 11 SERIAL/BATCH NO | 12 STATUS/WORK |
|---|---|---|---|---|---|---|
| 5 | BOLT | NAS464P4A20 | TBY BY INSTALLER | 1 | N/A | New |

AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW

14 NEW [X] NEWLY OVERHAULED [ ]

Certifies that this new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19 Return to Service in Accordance with FAR 43.9

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

| 15 SIGNATURE | 16 FAA AUTHORIZATION NO | 20 AUTHORIZED SIGNATURE | 21 CERTIFICATE NO |
|---|---|---|---|
| Marilyn Lipps | PC4 | | |
| **17 NAME (TYPED OR PRINTED)** | **18 DATE** | **22 NAME (TYPE OR PRINTED)** | **23 DATE** |
| MARILYN LIPPS, DOA | 02/26/2001 | | |

FAA FORM 8130-3 (11/93) *(OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA

Installed new bolts + loc-nuts in Rt. Aileron balance Counter weight. (P/N Bolts 1- NAS464P4A20 1- NAS464P4A40) (P/N Loc Nuts MS21083N4) Installed new Dome Light Cover (P/N 5102354-5).

© 1992 ASA

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| 3-21-01 | TACH | 1250 | | Install new tire Lt Wheel PN 600x6 6 PLY Condor. |
| | Wheel | Bearing | Cleaned | Inspected and Repacked with aeroshell grease |
| | #22 | EXP 01 to 8-03 | | Details on file under WO 12717 |

VINCENNES UNIVERSITY
COMMERCIAL REPAIR STATION
FAA REPAIR STATION NM2R036C
Courtney Myers

DATE 7-30-2001 TACH TIME 1300 TOTAL TIME 3600
INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12753
SIGNATURE Dick Hamilton
VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION
FAA REPAIR STATION NM2R036L

Installed new tire on Rt. main (P/N 6006)
Installed new brake Linings on Rt. & Lt. main (P/N 66-105), Installed new O-ring in Rt. main wheel cyl. (P/N MS28775-224),
Installed new bolts + loc-nuts in Rt. Aileron balance Counter weight. (P/N Bolts 1-NAS464P4A20 1-NAS464P4A40)
(P/N Loc Nuts MS21083N4) Installed new Dome Light Cover (P/N 5102354-5).

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 9-24-01 | TACH | 1364 | | Install new Reg. (PN R2580A SN KD5055 |
| | | Sys Ops CK | | Found OK Plugs or fuel endurance |
| | | 1286 | | VINCENNES UNIVERSITY |
| | | | | COMMERCIAL REPAIR STATION |
| | | | | FAA REPAIR STATION IVM2R036 |
| | | | | Courtney Myers |

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| DATE 19____ | RECORDING TACH TIME |
|---|---|
| | |
| DATE | |
| INSPEC | |
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| AND EL | |
| AIRCRA | |
| 100 H | |
| AIRWO | |
| SIGNA | |
| VINC | |

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterati** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | Install new air filter PN BA4305. Seal Lt Fuel tank INBD. Rear Corner. with Sealant C5320 4 B½ EXP DATE 5-02- |
| | | | | DATE 10-9-01 TACH TIME 1400 TOTAL TIME 3700 INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hour INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 1280 SIGNATURE Courtney Myers VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NUMBER 38L |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | DATE 12-4-01 TACH TIME 1500 TOTAL TIME 3800 | | | Install new air filter |
| | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12899 | | | PN BA4305 O/H turn Coor Installed PN 1394+600-32 SN 7811-1226 OPS. CK. OK. |
| | SIGNATURE Courtney Myers | | | |
| | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L | | | New Lt time Installed |
| | ELT INSPECTED AS FOLLOWS:<br>1. PROPER INSTALLATION<br>2. BATTERY CORROSION<br>3. OPERATION OF CONTROLS AND CRASH SENSOR<br>4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA | | | PN600X6 6PLY Goodr. New Lining PN 66-105 Installed Both BRAKES New Wheel Bearing & Race PN 13889-20629 & 13836-20629 |
| | DATE 12-4-01 TACH TIME 1500 | | | Installed OTBD Lt Wheel. New |
| | SIGNATURE Courtney Myers | | | Int Hose PN BE717-6A165B018 |
| | FAA REPAIR STATION NM2R036L | | | Installed O/H Reg Installed |
| | | | | PN R25502 SN CQCE07 |
| | | | | |
| | | | | |

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| 1. UNITED STATES | 2. **FAA FORM 8130-3**<br>AIRWORTHINESS APPROVAL TAG<br>U.S. Department of Transportation<br>Federal Aviation Administration | 3. SYSTEM TRACKING REF. NO.<br>467274 |
|---|---|---|
| MID-CONTINENT INSTRUMENT CO., INC.<br>9400 EAST 34TH ST. NORTH<br>WICHITA, KS 67226 | | 5. WORK ORDER, JOB ORDER NO.<br>467274 |

| 6. ITEM | 7. DESCRIPTION | 8. PART NO. | 9. ELIGIBILITY* | 10. QTY | 11. SERIAL/BATCH NO. | 12. STATUS/WORK |
|---|---|---|---|---|---|---|
| 1 | TURN COORDINATOR | 1394T100-3Z | TSO Article N/A | 1 | 7811-1226 | OVERHAULED. |

13. REMARKS

THE WORK ORDER REFERENCED, PRESCRIBING THE ACTUAL WORK PERFORMED IS ATTACHED. THE PRESCRIBED WORK WAS PERFORMED I.A.W. MFG. SPEC. # TSM1394(E), 4-9-01.

The work specified in block 12/13 except as otherwise specified was carried out in accordance with JAR 145 and in respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number JAA.4675.

*LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME / TOTAL CYCLES / TIME SINCE NEW.*

14.
NEW ☐
NEWLY OVERHAULED ☐
Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19.
RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

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

| 15. SIGNATURE | 16. FAA AUTHORIZATION | 20. AUTHORIZED SIGNATURE | CERTIFICATE NUMBER |
|---|---|---|---|
| | | Randall K Ferguson | OL2R061L |
| 17. NAME (TYPED OR PRINTED) | 18. DATE | 22. NAME (TYPED OR PRINTED) | 23. DATE |
| | | RANDALL K. FERGUSON | September 19, 2001 |

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

FAA Forms 8130-3

## Airworthiness Approval Tag

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have acceptable documents.

# HAZOTRONICS FAA CRS# VOTR085K.

1622 E. Whaley Street, Longview, Texas 75601.
PH: (903)-758-6661. FAX: (903) 236 9766

## *WARRANTY REGISTRATION CARD*

**THIS CARD MUST BE *FULLY* COMPLETED AND RETURNED TO VALIDATE WARRANTY.**
***PERFORM PRE-INSTALLATION CHECKS FIRST.* SEE BELOW.**

**VOLTAGE REGULATOR / ACU / OVS 14/28V ALTERNATOR SYSTEM PRE-INSTALLATION CHECKS:**

*SYSTEM VOLTAGE: 14V _____ or 28V _____*
*ALT FIELD RESISTANCE: _____ Ohms.*
*ALT SWITCH RESISTANCE: _____ Ohms.*
In 12V Alternators the field resistance is typically 4 Ohms, and 16 Ohms in 24V ones.

**CHECK FOR OPEN OR BROKEN WIRES, CORRODED OXIDIZED WIRES/CONNECTORS/CONTACTS.**
**CHECK FOR OPEN OR SHORTED ALTERNATOR FIELD.**
**CHECK FOR BAD OV RELAYS/SENSORS.**
We have troubleshooting (T/S) notes for several aircraft charging system. We offer T/S technical assistance on (903) 758-6661 from 10a.m. to 1 p.m. CST.

**Owner:** _____
**Company:** _____
**Address:** _____
_____

**Aircraft Make:** _____
**Model:** _____ **Registration:** _____

**UNIT INSTALLED**
**P/N:** R25502 **S/N:** CQCE07
**CAR#:** Z2803046 **HID#:** Z2803046
**Purchased from:** _____
**Tach time installed:** _____ **Date:** _____
**Installed by:** _____
**A&P number:** _____ **DATE** _____

**WARRANTY CLAIM: REMOVED BY:** _____
**Tach time removed:** _____ **Date:** _____
**Why removed:** _____
_____

**PLEASE READ WARRANTY POLICY ON THE BACK OF PINK FORM.**
***HOW TO USE THIS FORM:***
**WHITE PART:** RETURN WITHIN 15 DAYS OF UNIT'S INSTALLATION.
**YELLOW PART:** RETURN WITH UNIT FOR WARRANTY CLAIM.
**PINK PART:** *KEEP FOR YOUR RECORDS.* *hwrycard.pmb/893*

MAINTENANCE RELEASE

HAZOTRONICS, F.A.A. 1622 E. Whaley St., Longview, Tx 75602.
CRS: VOTR085K PH#: 903 758 6661. FAX: 903 236 9766

OWNER: Aero Mechanics
MFR: E'delta ☐ Lamar ☐ LSI ☐ Zef ☒ OECO ☐ PHX ☐ MUNY ☐
E'Mech ☐

ITEM: MODEL#: SERIAL#
VR.__ OV.__ GCU.__ ACU XXX OVS.__ R25502 CQCE07

CAR#: Z2803046, HID#: Z2803046, DATE IN: 03/10/94, DATE OUT: 04/05/94

OVERHAUL: XXX REPAIR: ___, TEST: ___, WTY: ___, SALE: ___, DATE: 04/05/94

AUTHORIZED SIGNATURE: _____

THE AIRCRAFT ACCESSORY LISTED ABOVE WAS OVERHAULED, REPAIRED, AND TESTED IN ACCORDANCE WITH CURRENT FARs AND IS APPROVED FOR RETURN TO SERVICE. RECORDS OF THIS PART ARE ON FILE UNDER THE CAR LISTED ABOVE.

REV B.(6/93)

ZEFTRONICS DIV. 1622 E. WHALEY ST., LONGVIEW, TX 75601. (903) 758-6661
REPAIR STATION #: VOTR085K

# CORRECTIVE ACTION REPORT

CAR#:Z280304G

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ITEM | ACU | CUSTOMER | Aero Mechanics | | | SRC | Kim Moore | | |
| MODEL | R25S02 | ADDRESS | 6543 Crystal | | | DATE | 03/26/94 | INT | KM |
| SERIAL# | CQCE07 | | Muncipal Airport | | | TECH | Femi Ibitayo | | |
| HID# | Z280304G | PH/#CONTACT | Prescott AZ 86301 | | | DATE | 03/26/94 | INT | FI |
| MFR | ZEFTRONICS | RETURN VIA | | | | INSP | Femi Ibitayo | | |
| | | STATUS ASKD | AOG | NORMAL X | MEDIUM | DATE | 03/26/94 | INT | FI |
| | | TAG STATUS | RED | GREEN X | YELLOW X | PL # | | | |
| | | STATUS DATE | | 03/10/94 | 03/26/94 | PO # | | | |

## WORK TO BE DONE

Repair as necessary.

| RECEIVED CONDITION & NOTES | CORRECTIVE ACTION COMMENTS | TEST RESULT | PARTS |
|---|---|---|---|
| Physical: Case dirty. | Cleaned case. | Unit passed all functional tests. | C7 |
| Electrical: LV,VR,OV okay. | Replaced C7. Updated current sense circuits to allows unit to trip in the event of of field-ground short. Tested and verified the correct operation of all the unit's functions. | | |

***** THIS UNIT WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS *****
***** AND APPROVED FOR RETURN TO SERVICE BY: _____ DATE:03/26/94 *****

NOTES: ZIF# = ZEFTRONICS' IDENTIFICATION NO.; INS = INSPECTOR; PL# = PACKING LIST NO.; PO# = PURCHASE ORDER NO.; SRC = STOCK ROOM CLERK; TECH = TECHNICIAN
CAR# = CORRECTIVE ACTION REPORT NUMBER; INT = INITIAL

W.O.# 467274

MID-CONTINENT INSTRUMENT CO., INC.
F.A.A. CRS OL2R061L
WORK ORDER AND INSPECTION REPORT

WORK ORDER#: 467274

DATE 8/25/98

| I. NOMENCLATURE | SERIAL NO. |
|---|---|
| TURN COORDINATO | 7811-1226 |
| MANUFACTURER'S PART NO. | MODEL NO. |
| 1394T100-3Z | 1394T100-3Z |
| MANUFACTURER | MFG. DATE |
| EGC | |
| CUSTOMER | |
| ELECTRIC GYRO CORPORATION | |

**IV. WORK INSTRUCTIONS:** Warranty Repair ☐ Overhaul ☑ Special Instructions: _____
Functional Test ☐ Repair ☐

**III. PRELIMINARY INSPECTION**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1. | Seals Intact | ☑ YES ☐ NO | 5. | Nameplate Legible | ☑ YES ☐ NO | 8. | Air Ports Damaged N/A | ☐ YES ☐ NO |
| 2. | Cover Damaged | ☐ YES ☑ NO | 6. | Dial Discolored | ☐ YES ☑ NO | 9. | Connector Damaged | ☐ YES ☑ NO |
| 3. | Glass Broken | ☐ YES ☑ NO | 7. | Filter Contaminated N/A | ☐ YES ☐ NO | 10. | Customer Complaint Verified N/A | ☐ YES ☐ NO |
| 4. | Hidden Damage Inspection Required | ☐ YES ☑ NO | | | | | | |

**V. OTHER DISCREPANCIES FOUND** _____

INSPECTION (STAMP OR INITIAL): N/A

| VII. PART NUMBER | NOMENCLATURE | QTY. | | PART NUMBER | NOMENCLATURE | QTY. | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

**VIII. WORK ACCOMPLISHED:** Overhauled unit, Disassembled Calibrated Balanced and Cleaned To Mfg Spec IT ISM 1394 (E) 4-9-01

Technician Nhat Nguyen # 561 Date 9-18-01

**IX. IN-PROCESS INSPECTION:**

INSPECTOR _____ DATE _____

**X. FINAL INSPECTION** The aircraft component identified was repaired and inspected in accordance with current Federal Aviation Administration regulations and was found airworthy for return to service, with respect to work performed.

Authorized Signature: Randall K. Stephens Date 9/19/01

FORM REV. 1-00

SHIPPING DATE: 10-11-01 BY: MB

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | C/WAID 95-19-15 Dated 11-17-95 |
| | | | | On Wing attach Shoulder Bolt |
| | | | | Acc to AGSB 185 DATED 7-6-94 |
| | | | | Bolts Found OK At this time |
| | | | | Next Insp Due total time of |
| | | | | 4400 Hours New Air Filter |
| | | | | PN BA4305 Installed. New |
| | | | | Tire 600x6 6 Ply Carlisle S/N 1245W00170 |
| | | | | Installed Lt Wheel. New Bulb GE1820 Installed |
| | | | | in Rt Map Light New Composite Spinner |
| | | | | Bulkhead PN ~~EB~~ 5506010-503 Installed Acc |
| | | | | to Installation Instruction Found in |
| | | | | Stc No SA01284AT |

DATE 2-28-02 TACH TIME 1600 TOTAL TIME 3900

INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hour INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12932

SIGNATURE Courtney Myers

VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION
FAA REPAIR STATION NUMBER

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ADDITIONAL MATERIAL ENTERED

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | DATE 5-8-02 TACH TIME 1700 TOTAL TIME 4000, Installed new Air filter (P/N BA4305) |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 12970 SIGNATURE Dick Hamilton VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L Installed New Tire on Rt. main (P/N 6.00-6 6ply) (S/N 1264W00073), Installed two brake linings on Rt. & lt. mains (P/N 66045) Installed New throttle cable (P/N A920-0410) Installed New Throttle Cable End (P/N 3C508) Installed New Tach cable (P/N 446042-275), Installed New Tail Nav light. (P/N A508-28). |
| | 1700 | | 4000 | See ENGINE LOG For engine instal'n |

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| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | New Elt Battery Installed PN BP 1030 New Due Date 7-04 Details on file under WO 13005 |
| | | | | ELT INSPECTED AS FOLLOWS:<br>1. PROPER INSTALLATION<br>2. BATTERY CORROSION<br>3. OPERATION OF CONTROLS AND CRASH SENSOR<br>4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA<br>DATE 7-30-04 TACH TIME 1710<br>SIGNATURE Geoffrey Myers<br>FAA REPAIR STATION NMDR036L |

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SCALE CORRECTION ALT S/N SG326

| MASTER | ALTIMETER | MASTER | ALTIMETER |
|---|---|---|---|
| -1000 | -1000 | 14000 | 13995 |
| 0 | 5 | 16000 | 16005 |
| 500 | 520 | 18000 | 18020 |
| 1000 | 1005 | 20000 | 20030 |
| 1500 | 1525 | 22000 | |
| 2000 | 2010 | 25000 | |
| 3000 | 3010 | 30000 | |
| 4000 | 4005 | 35000 | |
| 6000 | 6000 | 40000 | |
| 8000 | 7980 | 45000 | |
| 10000 | 9980 | 50000 | |
| 12000 | 11985 | | |

RON COLLINS AVIATION ELECTRONICS

TESTED BY: AB DATE: JUL 1 8 2002

[redacted] ls required by FAR Part 91.411 have been performed.

#1 Altimeter was tested to 20 K feet on JUL 1 8 2002

#2 Altimeter was tested to — K feet on —

#1 Data correspondence to 20 K feet on JUL 1 8 2002

#2 Data correspondence to — K feet on —

Ron Collins Aviation Electronics Evansville, Indiana

FAA Repair Station # PG2R082L

JUL 1 8 2002 Aaron Bell

Date Authorized Signature

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**Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

91.413

m

fix F and

, Indiana

DATE 19__ | RECORDED TACH TIME

Aug. 13, 02

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | |

Performed Biennial check required by FAR 91.413
on KING KT76A Transponder system
#1 S/N 84575 & #2 S/N N/A
Specifications were met per Part 43 Appendix F and
were recorded on W.O. # 02-1247
Ron Collins Aviation Electronics, Evansville, Indiana
FAA Repair Station # PG2R082L

Jul 18 2002 Aaron Ball
Date Authorized Signature

I Certify the Altimeter and Static System tests
required by FAR Part 91.411 have been performed.
#1 Altimeter was tested to 20 K feet on JUL 18 2002
#2 Altimeter was tested to — K feet on —
#1 Data correspondence to 20 K feet on JUL 18 2002
#2 Data correspondence to — K feet on —
Ron Collins Aviation Electronics Evansville, Indiana
FAA Repair Station # PG2R082L

JUL 18 2002 Aaron Ball
Date Authorized Signature

© 1992 ASA

| DATE 19__ | RECORDING TACH TIME |
|---|---|
| Aug. 13, 02 | |

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| Aug. 13, 02 | TACH: 1710 | | | Installed the following new parts in Canopy: L/window moulding (P/N 0X-5102353-80) R/window moulding (P/N 0X-5102353-81) Center panel (P/N A5083) Canopy latch cover (P/N 0X-5102357-73) Details on file under W.O.# 13010 VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L Dick Hamilton |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 9-12-02 | TACH: 1743 | | | Installed New Cowl hinge (Hinge P/N: 5101030-503-701) OPS CKD. fine. Details on file under W.O.# 13029. VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L Dick Hamilton |

© 1992 ASA

| DATE 19__ | RECORDING TACH TIME | TODA FLIGH |
|---|---|---|
| DATE 10-3-02 | | TA |
| INSPECT AIRFRAME | | |
| CHECKED FLIGHT C | | |
| AND ELECTRICAL SY | | |
| AIRCRAFT HAS BEEN | | |
| ANNUAL INSPE | | |
| AIRWORTHY CONDI | | |
| SIGNATURE Dic | | |
| VINCENNES UNIV | | |
| FAA R | | |
| ELT INSPECT | | |
| 1. PROPE | | |
| 2. BATTE | | |
| 3. OPER AND C | | |
| 4. THE EL SIGNA | | |
| DATE 10-3 | | |
| SIGNATUR FAA | | |

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of ... Entries must be endorsed with Name of Technician or Repair Facility. (See back pages for other ... |
|---|---|---|---|---|

20. AUTHORIZED SIGNATURE

... (or attached) above was carried out in accordance with FAA ... in respect to the work performed the part(s) is (are) approved for return to ...

21. CERTIFICATE NUMBER

DATE 10-3-02 TACH TIME 1800 TOTAL TIME 4100 Installed new Air filter (P/N BAH305), INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL Installed New Vacuum Syst filter AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN Assy (P/N 157-1), Installed New Upper ANNUAL INSPECTION AND WAS DETERMINED TO BE IN Cowl hinge (P/N 5101030-503-701), AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 1305 Installed new ATTitude Gyro SIGNATURE Dick Hamilton VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION (P/N 14367-207-15) (S/N T8434A), ops FAA REPAIR STATION NM2R036L checked good. Installed New Condor 5.00 5 6ply tire on Nose wheel (TIRE S/N 0143W00154)

ELT INSPECTED AS FOLLOWS:
1. PROPER INSTALLATION
2. BATTERY CORROSION
3. OPERATION OF CONTROLS AND CRASH SENSOR
4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA

Installed new Tail Nav light bulb (P/N A508), Installed new GE1820 bulb in Dome light & Lt. map light.

DATE 10-3-02 TACH TIME 1800
SIGNATURE Dick Hamilton
FAA REPAIR STATION NM2R036L

© 1992 ASA

1. UNITED STATES

2.

# FAA FORM 8130-3

AIRWORTHINESS APPROVAL TAG
U.S. Department of Transportation
Federal Aviation Administration

3. SYSTEM TRACKING REF. NO.
536051

ORGANIZATION

MID-CONTINENT INSTRUMENT CO., INC.
9400 E. 34TH N.
WICHITA, KS 67226
F.A.A. CRS OL2R061L

5. WORK ORDER NO.
536051

| ITEM | 7. DESCRIPTION | 8. PART NO. | 9. ELIGIBILITY* | 10. QUANTITY | 11. SERIAL / BATCH NO. | 12. STATUS / WORK |
|---|---|---|---|---|---|---|
| 1. | ATTITUDE GYRO<br>ATTITUDE GYRO | 1U367-207-15<br>1U367 | TSO<br>ARTICLE<br>N/A | 1 | TB434A | OVERHAULED |

REMARKS

THE PRESCRIBED WORK WAS PERFORMED

The work specified in block 12/13 except as otherwise specified was carried out in accordance with JAR 145 and in respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number JAA.4675.

Manual MD. Procedure #37 revised 03/09/01

LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.

[ ] NEW
[ ] NEWLY OVERHAULED

ifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 (were) manufactured in accordance with FAA approved design data and airworthiness.

TE: In case of parts to be exported, the special requirements of the importing country have been met.

GNATURE

16. FAA AUTHORIZATION

AME (TYPED OR PRINTED)

18. DATE

19. RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

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

20. AUTHORIZED SIGNATURE

Randall K. Ferguson

21. CERTIFICATE NUMBER
CRS OL2R061L

22. NAME (TYPED OR PRINTED)
Randall K. Ferguson

23. DATE
2/4/02

orm 8130-3 (1/00)

(Optional) Installer must cross check eligibility with technical da

W.O.# 536051

MID-CONTINENT INSTRUMENT CO., INC.
F.A.A. CRS DL2R-61L
WORK ORDER AND INSPECTION REPORT

WORK ORDER#: 536051

DATE 2/20/01

| NOMENCLATURE | SERIAL NO. |
|---|---|
| ATTITUDE GYRO | TR4744A |
| MANUFACTURER'S PART NO. | MODEL NO. |
| 11367-207-15 | 11367 |
| MANUFACTURER | MFG. DATE |
| STGMA-TEK | |
| CUSTOMER | |

**IV. WORK INSTRUCTIONS:** Warranty Repair ☐ Overhaul ☑ Special Instructions: _____
Functional Test ☐ Repair ☐

**I. PRELIMINARY INSPECTION**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Seals Intact | ☐ YES ☑ NO | 5. | Nameplate Legible | ☑ YES ☐ NO | 8. | Air Ports Damaged | ☐ YES ☑ NO |
| Cover Damaged | ☐ YES ☑ NO | 6 | Dial Discolored | ☐ YES ☑ NO | 9. | Connector Damaged | ☐ YES ☑ NO |
| Glass Broken | ☐ YES ☑ NO | 7. | Filler Contaminated | ☐ YES ☑ NO | 10. | Customer Complaint Verified | ☑ YES ☐ NO |
| Hidden Damage Inspection Required | ☐ YES ☑ NO | | | | | | |

**V. OTHER DISCREPANCIES FOUND**

Lights do not work
Failed bit check
Rate check:

INSPECTION (STAMP OR INITIAL): [illegible]

| VII. PART NUMBER | NOMENCLATURE | QTY. | | PART NUMBER | NOMENCLATURE | QTY. | |
|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | 10 | | | | | |
| [illegible] | [illegible] | 6 | | | | | |
| [illegible] | [illegible] | | | | | | |
| [illegible] | [illegible] | | | | | | |
| [illegible] | [illegible] | | | | | | |
| [illegible] | [illegible] | | | | | | |
| [illegible] | [illegible] | | | | | | |
| [illegible] | [illegible] | | | | | | |
| [illegible] | [illegible] | | | | | | |
| [illegible] | [illegible] | | | | | | |

**VIII. WORK ACCOMPLISHED:** [illegible]

Technician [illegible] Date [illegible]

**IX. IN-PROCESS INSPECTION:**

INSPECTOR _____ DATE _____

**X. FINAL INSPECTION** The aircraft component identified was repaired and inspected in accordance with current Federal Aviation Administration regulations and was found airworthy for return to service, with respect to work performed.

Authorized Signature: [signature] Date 2/21/02

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | |
| DATE 11-15-02 | TACH TIME 900 | | TOTAL TIME 4260 | Installed new Airfilter (P/N BA4205), |
| INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE | | | | Installed (2) new brake linings |
| CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL | | | | (P/N 66-705) on each of the mains, |
| AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS | | | | Installed (2) new brake discs |
| AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A | | | | (P/N 164-02000), Installed new |
| 100 HR. INSPECTION AND WAS DETERMINED TO BE IN | | | | Bearing (P/N 13889-20029) & Race (P/N 13836- |
| AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 13097 | | | | 20029) in Rt. - OTBD wheel, Installed new tire |
| SIGNATURE Dick Hamilton | | | | on Rt. main (P/N 6.00-6 6ply) (S/N 1096W00054), Installed |
| VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION | | | | new tire on left main (P/N 6.00-6 6ply.) (S/N 1100W00016), |
| FAA REPAIR STATION NM2R830L | | | | Repacked all wheel bearings with Aeroshell 22 |
| | | | | grease (Exp. Date 4-03.) Installed C/H'd Cyl. |
| | | | | head temp gage (P/N 169BL-910-12BW) (S/N T67853A), |
| | | | | Installed new bearing (P/N 13889-20029) & Race (P/N 13836- |
| | | | | N20029) in left wheel - OTBD. |
| | | | | |
| | | | | |

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| 1. UNITED STATES | 2. **FAA FORM 8130-3**<br>**AIRWORTHINESS APPROVAL TAG**<br>**U.S. DEPARTMENT OF TRANSPORTATION**<br>**FEDERAL AVIATION ADMINISTRATION** | 3. System Tracking Ref. No.<br>52403 |
|---|---|---|
| 4. Organization | Sigma Tek, Inc.<br>1001 Industrial Road<br>Augusta, KS 67010 | 5. Work Order,Contract, or Inv. No.<br>W.O.# 52403 |

| 6. Item | 7. Description | 8. Part Number | 9. Eligibility* | 10. Qty. | 11. Serial/Batch No. | 12. Status/Work |
|---|---|---|---|---|---|---|
| 1. | Temp. Ind.<br>Model 169BL | 169BL-910-1LBW | TBV By Installer | 1 | T67853A | Overhauled |

13. Remarks

This part was overhauled on 08/04/00 by Jutta Cleveland.
The work on this part was approved by Jerry Wadd, Cert. # 2575112
This part was inspected, overhauled and tested to the requirements of Engr. Spec. #6A1271.

"Certifies that the work specified in block 12/13 was carried out in accordance with JAR 145 and with respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number: JAA.4870"

*Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.*

14.

New ☐

Newly Overhauled ☐

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been meet.

19.

Return to Service in Accordance with FAR 43.9

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

| 15. Signature | 16. FAA Authorization No.: | 20. Authorized Signature: Estle L Adair | 21. Certificate Number: OS2R068L |
|---|---|---|---|
| 17. Name (typed or printed): | 18. Date: | 22. Name (Typed or Printed) Estle L. Adair | 23. Date: 08/04/00 |

AUTHORIZED RELEASE CERTIFICATE APPROVAL TAG:

## USER/INSTALLER RESPONSIBILITIES

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.



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

# SERVICE / REPAIR WORK ORDER

Q.A. 52403

Customer Premier Air Center Inc. P.O. Number A69844 R/T

P/N 169BL-910-1LBW S/N T67853A Warr. 5/22/91 Item Cyl. Temp. Module

W/O # S455-13454 Date Rec'd 6/22/00 Date Due 7/26/00 Compl. 8/1/00

Customer Complaint and/or request Please overhaul or repair the following instruments as needed.

Preliminary Inspection Out of calibration at 500 and 600. Scratches bezel lens.

Hidden Damage N/A

Continuity N/A

Work Accomplished Cleaned meter, calibrated module, checked lights, replaced bezel.

Tech. # 5700

Certificated person who performed or supervised the work
Name Steve Dodd Certificate # 2575112 Date 8-4-00

Final Inspection: Test and repaired to the requirements of Manual or
Engr.Spec. # 6A1271 Insp.

PARTS REPLACED

| QUAN. | PART NUMBER | DESCRIPTION |
|---|---|---|
| 1 | 22-169-31-1 | bezel |
| | (55B036-032) | |
| | | |
| | | |
| | | |
| | | |

| QUAN. | PART NUMBER | DESCRIPTION |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

ADDITIONAL INFO

Certified Repair Station #OS2R068L

SIGMA-TEK
INSTRUMENTS & AVIONICS

1001 Industrial Road, Augusta, Kansas 67010
Telephone: (316) 775-6373 FAX: 316-775-1416

MAINTENANCE RELEASE ISSUED BY FAA REPAIR STATION
The Aircraft component identified above was
X OVERHAULED ___ REPAIRED ___ REBUILT ___ INSPECTED
and inspected in accordance with Federal Aviation Regulations and found AIRWORTHY and is APPROVED FOR RETURN TO SERVICE. Pertinent details are on file at this agency under the work order noted above.

Signature Date 8/4/00

Certificate # OS2R068L

FORM Q.A.174-2C

1. UNITED STATES

2. # FAA FORM 8130-3

AIRWORTHINESS APPROVAL TAG
U.S. Department of Transportation
Federal Aviation Administration

3. SYSTEM TRACKING REF. NO.
505226

4. ORGANIZATION
MID-CONTINENT INSTRUMENT CO., INC.
9400 E. 34TH N.
WICHITA, KS 67226
F.A.A. CRS OL2R061L

5. WORK ORDER NO.
505226

| 6. ITEM | 7. DESCRIPTION | 8. PART NO. | 9. ELIGIBILITY* | 10. QUANTITY | 11. SERIAL / BATCH NO. | 12. STATUS / WORK |
|---|---|---|---|---|---|---|
| 1 | DIRECTIONAL GYRO<br>DIRECTIONAL GYRO AGAC | 1U262-015-13<br>1000<br>4000C-11/AGAC | TSO<br>ARTICLE<br>N/A | 1 | T342803 | OVERHAULED |

13. REMARKS
THE PRESCRIBED WORK WAS PERFORMED

The work specified in block 12/13 except as otherwise specified was carried out in accordance with JAR 145 and in respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number JAA.4675.
maint rec 86M008 Rev 8-26-83

*LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW.*

14.
☐ NEW
☐ NEWLY OVERHAULED

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19.
RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9

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

15. SIGNATURE

16. FAA AUTHORIZATION

20. AUTHORIZED SIGNATURE
Randall K Ferguson

21. CERTIFICATE NUMBER
CRS OL2R061L

17. NAME (TYPED OR PRINTED)

18. DATE

22. NAME (TYPED OR PRINTED)
Randall K. Ferguson

23. DATE
10/25/00

FAA Form 8130-3 (1/00)

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

W.O.# 505226

MID-CONTINENT INSTRUMENT CO., INC.
F.A.A. - CRS DL2R061L
WORK ORDER AND INSPECTION REPORT

WORK ORDER#: 505226

DATE 5/14/99

| I. NOMENCLATURE | SERIAL NO. |
|---|---|
| DIRECTIONAL GYR | T342806 |
| MANUFACTURER'S PART NO. | MODEL NO. |
| 11262-015-13 | 4000C-11/AGAC |
| MANUFACTURER | MFG. DATE |
| SIGMA-TEK | |
| CUSTOMER | |

IV. WORK INSTRUCTIONS: Warranty Repair ☐ Overhaul ☑ Special Instructions: _____
Functional Test ☐ Repair ☐

III. PRELIMINARY INSPECTION

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1. | Seals Intact | ☐ YES ☐ NO | 5. | Nameplate Legible | ☐ YES ☑ NO | 8. | Air Ports Damaged | ☐ YES ☐ NO |
| 2. | Cover Damaged | ☐ YES ☐ NO | 6. | Dial Discolored | ☐ YES ☐ NO | 9. | Connector Damaged | ☐ YES ☑ NO |
| 3. | Glass Broken | ☐ YES ☐ NO | 7. | Filter Contaminated | ☐ YES ☐ NO | 10. | Customer Complaint Verified | ☑ YES ☐ NO |
| 4. | Hidden Damage Inspection Required | ☐ YES ☑ NO | | | | | | |

V. OTHER DISCREPANCIES FOUND _____

INSPECTION (STAMP OR INITIAL):

| VII. PART NUMBER | NOMENCLATURE | QTY. | | PART NUMBER | NOMENCLATURE | QTY. | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

VIII. WORK ACCOMPLISHED: _____

Technician _____ Date 10-19-99

IX. IN-PROCESS INSPECTION:

INSPECTOR _____ DATE _____

X. FINAL INSPECTION The aircraft component identified was repaired and inspected in accordance with current Federal Aviation Administration regulations and was found airworthy for return to service, with respect to work performed.

Authorized Signature: _____ Date 10/25/00

SHIPPING DATE: _____ BY: _____

FORM REV. 1-00

MID-CONTINENT INSTRUMENTS

PARTS REQUISITION FORM

MODEL# 52D254 EDC)

TECHNICIAN: Roy

WORK ORDER#: 505226

DATE: 10-19-00

| CHECK | QTY | PART NUMBER | DESCRIPTION |
|---|---|---|---|
| ✓ | 2 | 3010709 | ORING |
| ✓ | 1 | 1V352-991R | ROTOR |
| ✓ | 1 | 50B051-001 | GASKET |
| ✓ | 1 | 55C113-001 | BACK PLATE |
| ✓ | 1 | 58A091-001 | FILTER |
| ✓ | 2 | 65B346-003 | KNOB |
| ✓ | 1 | 66A066-003 | DECAL |
| ✓ | 1 | 66A067-001 | DECAL |
| ✓ | 1 | 71B039-001 | SPRING |
| ✓ | 1 | 71C040-001 | SPRING |
| ✓ | 1 | 73A066-001 | SEAL |
| ✓ | 1 | 73A070-001 | SEAL |
| ✓ | 1 | 73B056-001 | GASKET |
| ✓ | 1 | S30006-004 | BEARING |
| ✓ | 2 | S46007-H4C6 | SET SCREW |
| ✓ | 1 | SSRF-2ZZRA7P58 | BEARING |
| ✓ | 2 | SSRI6632ZA0205 | BEARING |
| ✓ | 2 | SSRIF6632ZZEER | BEARING |
| ✓ | 2 | ULZ6012X-48-A7 | BEARING |
| ✓ | 1 | 65B353 001 | wedge |
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Form Name: 52D254 EDC)
Updated: 02/17/00

| DATE 19___ | 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 Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| 1-14-03 | TACH | 1955 | | Install O/H DG PN 10262-015-13 |
| | S/N | +34 | 28000 | OPS CK. OK Details on File under |
| | WO | 13134 | 4 | VINCENNES UNIVERSITY<br>COMMERCIAL REPAIR STATION<br>FAA REPAIR STATION NM2R036<br>Courtney Myers |

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ADDITIONAL MATERIALS USED

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|

Date: 1/13/03 Make: American Gen Model: AG5B Reg.: N123VU

Removed Bendix/King KX-155, KI-208. Installed Bendix/King KX-155 S/N 123341, KI-209 S/N 79460, KLX-135A S/N 124014, KR-87 S/N 76895, KI-227 S/N 60188, KA-44B S/N 78520,KA-39 S/N 11008,Comant CI-405-2 GPS ant S/N 99945633, CI-122, DMAT Diplexer..

The Aircraft Weight & Balance and Equipment List have been revised.

The aircraft identified above was altered and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service for the work performed.
Details are on file at this agency under Work Order 02-2240.

Timothy E. Emery

For: Ron Collins Aviation Electronics
6103 Flightline Drive
Evansville, IN 47725
CRS No. PG2R082L

Phone (812) 425-2603
FAX (812) 425-2129
E-mail rcollins@insightbb.com

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | |
| | | | | DATE 2-20-03 TACH TIME 2006 TOTAL TIME 4300 Install new Air Filter |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE PN BA4305 - New Ht & RI |
| | | | | CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL |
| | | | | AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS Rear window molding |
| | | | | AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A Intalled PN A5084 & |
| | | | | 100 Hour INSPECTION AND WAS DETERMINED TO BE IN PN A5085. New Bulb |
| | | | | AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO. 13172 |
| | | | | SIGNATURE Courtney Myers PN GE 1820 Install in NAV |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION Lights. |
| | | | | FAA REPAIR STATION NAGR036L |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

GILL BATTERY WARRANTY

ADDITIONAL MATERIAL CLIPPED

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1. **UNITED STATES**

2. **FAA FORM 8130-3**
AIRWORTHINESS APPROVAL TAG
U.S. Department of Transportation
Federal Aviation Administration

3. SYSTEM TRACKING REF. NO.
02-3848-268

4. ORGANIZATION
Ron Collins Aviation Electronics
Evansville Regional Airport
6103 Flightline Drive
Evansville, IN 47725
Phone 812-425-2603
Fax 812-425-2129

5. WORK ORDER NO.
02-3848-268

| 6. ITEM | 7. DESCRIPTION | 8. PART NO. | 9. ELIGIBILITY* | 10. QTY. | 11. SERIAL/BATCH NUMBER | 12. STATUS/WORK |
|---|---|---|---|---|---|---|
| | KING VOLTAGE CONVERTER KA-39 | 071-1041-01 | ☒ FBV BY INSTALLER<br>☐ TSO ARTICLE N/A | 1 | 11008 | ☐ NEW<br>☐ OVERHAULED<br>☐ REPAIRED<br>☒ FUNCTIONALLY TESTED ONLY |

13. REMARKS
OPERATION CHECK GOOD

*LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW*

14.
☐ NEW
☐ NEWLY OVERHAULED

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with approved design data and airworthiness.

NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

19.

**RETURN TO SERVICE IN ACCORDANCE WITH FAR 43.9**

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

15. SIGNATURE

16. FAA AUTHORIZATION

20. AUTHORIZED SIGNATURE
J. Buck

21. CERTIFICATE NUMBER
PG2R082L

17. NAME (TYPED OR PRINTED)

18. DATE

22. NAME (TYPED OR PRINTED)
J. Buck

23. DATE
19 DEC 02

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 3-21-03 | TACH: | 2044 | | Installed Lift Detector O/H'd by Safe flight Corp. (OPS CKD good). Details on file under W.O. 13209. (Lift Detector P/N 1643) (S/N 231415). VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION #NM3R036L Dick Hamilton |

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| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Entries must be endorsed with Name, Rating and ... Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | Install new air Filter |
| | | | | DATE 4-25-03 TACH TIME 2100 TOTAL TIME 4400 . BA4305 C/WAD 95-19-15 |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hour INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 13229 SIGNATURE Courtney Myers VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NO. ZO35L |
| | | | | Dated 11-17-95 ON Wing Attach Shoulder Bolt Acc to AGSB 185 DATED 7-6-98 Bolt found OK. A+P Inspection New Prop Due total time 4900 Hours Rt tire Rotated. Install new Bushing and |
| | | | | Rebuild (1) PN 902013-1 . New Bushing Installed in Aileron (2) 902013-1 & (4) 902013-2 O+BD A.L support Bracket Installed new PN 902010-901 |
| | | | | on Lt & Rt A.L. TLAP Bushing Installed new (6) PN 902018-3 . New Hinge |
| | | | | Installed Rt BRAKE PN 66105 New O Ring PN MS28775-224 Installed Rt |
| | | | | wheel cyl. New Bolts & nuts Installed in Rt AILERON Bal Wt. |
| | | | | (1) PN NAS 464P4A20 (1) NAS464P4A40 & 2 NUTS MS21042-3-N4. Install |
| | | | | New BULB Rt Landing Light PN 01-0770346-03 OPS CK. OK. Install |
| | | | | Repaired Eng mount PN 550111-501 - See 8130 Form |

GILL BALLERT WARRANTY

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1. **UNITED STATES**

2. # FAA FORM 8130-3
**AIRWORTHINESS APPROVAL TAG**
**U.S. Department of Transportation**
**Federal Aviation Administration**

3. System Tracking Ref. No.
**517042**

4. Organization
**SAFE FLIGHT INSTRUMENT CORPORATION**
**20 NEW KING STREET**
**WHITE PLAINS , NY 10604**
**JAA Certificate:4845**

5. Work Order, Contract or Invoice Number
**2025**

| 6. Item | 7. Description | 8. Part Number | 9. Eligibility * | 10. Quantity | 11. Serial/Batch Number | 12. Status/Work |
|---|---|---|---|---|---|---|
| 001 | LIFT DETECTOR | 164-3 | | 1 | 231415 | OVERHAUL |

13. Remarks

ALL REPAIRS, OVERHAULS AND MODIFICATIONS ARE PERFORMED IN ACCORDANCE WITH THE ORIGINAL EQUIPMENT MANUFACTURING TOP ASSEMBLY DRAWING (SAME AS PART NUMBER ABOVE) AND DRAWING #65168 REV. D WHICH DEFINES ALL METHODS, PROCEDURES AND SPECIFICATIONS. (SEE ATTACHED WORK ORDER)

**"For JAA Customers the following applies:"** "Certifies that the work specified in block 12/13 was carried out in accordance with JAR 145 and with respect to that work" "the aircraft component is considered ready for release to service under the JAA Acceptance Certificate No:JAA.4845."

***Limited life parts must be accompanied by maintenance history including total time/total cycle/time since new.***

14.
New ☐
Newly Overhauled ☐

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness Regulations.

**NOTE:** In case of parts to be exported, the special requirements of the importing country have been met.

19. **Return to Service in Accordance with FAR 3.9 and JAR 145**

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

| 15. Signature: | 16. FAA Authorization No.: | 20. Authorized Signature: | 21. Certificate Number: QA1R419K |
|---|---|---|---|
| 17. Name (type or printed): | 18. Date: | 22. Name (typed or printed): Peter Ottly | 23. Date: Nov30-2001 |

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

FAA Form 8130-3 (11-93)

## USER/INSTALLER RESPONSIBILITIES

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statement in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

***The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.***

U.S. GPO: 1994-301-706/94264

SAFE FLIGHT
Instrument Corporation

20 NEW KING STREET WHITE PLAINS , NY 10604
TELEPHONE: 914-946-9500 FAX: 914-946-7882

# REPAIR INSPECTION REPORT



| FOR: | YOUR P.O. No...: 2025 |
|---|---|
| CHANCE AVIATION SERVICES INC.<br>CORPORATE WAREHOUSE<br>4422 AIRPORT EXPRESSWAY<br>INDIANAPOLIS, IN 46241<br>USA<br>TEL.: 1-317-486-8802<br>FAX.: 1-317-486-8805<br><br>Terms: C.O.D. | WORK ORDER DATE: Nov01-2001 DUE:Dec19-2001<br>Status/Work....: OVERHAUL<br>Hours Since New: .<br>Hours Since OH.: .<br>Hours T. Time..: .<br>Final Test Date: 01/06/97<br>Mfg Date.....: .<br>Approval Date..: 11/05/01<br>Warranty Y/N...: N<br>Replaced By S/N: . |
| Part Number.:164-3 | Qty.....:1 COND:OH |
| Description.:LIFT DETECTOR | SERIAL #:231415 S.O.:121223 |
| Manufacturer: | MFG LOT#: |
| | TAG DATE: |

## WORK ORDER No. 517042 (WO)

**REASON RETURNED / COMPLAINT...:**
OVERHAUL

**SAFE FLIGHT FINDINGS.....:**
UNIT TESTED AND FOUND: MICRO-SWITCH WORKING OUT OF SPECIFICATIONS

NOTE: UNIT RECEIVED WITH M/P MISSING

**ACTION.....:**
OVERHAUL PER CUSTOMER REQUEST

Checked by EM Date 11/02/01

1 OF 5 UNITS

UNIT APPROVED UP TO $292.00
11/05/01 ORDER APPROVED

THIS SECTION NOT REQUIRED SEE 8130-3

Work Done by _____ Date: _____

In Process Inspection By: _____ Date: _____

Final Tested By: _____ Date: _____

Maintenance Release: Yes _____ No _____

Signed _____ Certificate _____

Approved by Pete Ottly
FAA Approved Repair Station Air Agency No. QA1R419K

1. UNITED STATES

2.

# FAA FORM 8130-3

## AIRWORTHINESS APPROVAL TAG

U.S. Department of Transportation
**Federal Aviation Administration**

3. System Tracking Ref. No.

4. Organization
[illegible]
P. O. Box 42037
Indianapolis, IN 46242

5. Work Order, Contract, or Invoice Number:
Verbal N. Chance

| 6. Item | 7. Description | 8. Part Number | 9. Eligibility * | 10. Quantity | 11. Serial/Batch Number | 12. Status/Work |
|---|---|---|---|---|---|---|
| 1 | Motor Mount | Unknown | TBD | 1 | N/A | Repaired |

13. Remarks

Weld crack in loser mount tube using T.I.G. process per FAA 43:13 2A/2B.

*Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.*

14.
New ☐
Newly Overhauled ☐

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

**NOTE:** In case of parts to be exported, the special reqirements of the importing country have been met.

19.

**Return to Service in Accordance with FAR 43.9**

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

| 15. Signature | 16. FAA Authorization No.: | 20. Authorized Signature: Gordon L. Van Nest | 21. Certificate Number: JK5R965M |
|---|---|---|---|
| 17. Name *(Typed or Printed)*: | 18. Date: | 22. Name *(Typed or Printed)* Gordon L. Van Nest. | 23. Date: 10/25/02 |

8130-3 (11-93)

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

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | |

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 30 MAY 03 Registration: N123VJ

REPAIRED KING KMA 24 MKR/AMP, S/N 33332,

*Pertinent details of this repair are on file at this Repair Station under Work Order No.:* 03-895

*The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.*

For: Ron Collins Aviation Electronics
6103 Flightline Drive

CRS No. PG2R082L
Evansville IN 47725

Phone (812)425-2603
FAX (812) 425-2129

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| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 8-28-03 | TAC | H: 2136 | | Installed new Landing Light (P/N 01-0770346-03) in Rt. Wing Tip. (ops ckd good). Installed new |
| | | | Rt. | Landing light lens (P/N 5201181-10). Removed Birds |
| | | | | Nest from Rt. Wing tip. I certify this A/c to |
| | | | | be Airworthy with Respect to the work perfomed |
| | | | | Details on file under W.O.# 13279 |
| | | | | VINCENNES UNIVERSITY |
| | | | | COMMERCIAL REPAIR STATION |
| | | | | FAA REPAIR STATION NM2R036L |
| | | | | Dick Hamilton |

GILL BATTERY WARRANTY

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | ELT INSPECTED AS FOLLOWS: |
| | | | | 1. PROPER INSTALLATION |
| | | | | 2. BATTERY CORROSION |
| | | | | 3. OPERATION OF CONTROLS AND CRASH SENSOR |
| | | | | 4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA |
| | | | | DATE 10-9-03 TACH TIME 2200 |
| | | | | SIGNATURE Dick Hamilton |
| | | | | FAA REPAIR STATION NM2R036L |
| | | | | DATE 10-9-03 TACH TIME 2200 TOTAL TIME 4500 |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 13395 |
| | | | | SIGNATURE Dick Hamilton |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION |
| | | | | FAA REPAIR STATION NM2R036L |
| | | | | Installed the following Parts new: (1) Airfilter (P/N BA-1305), map light (P/N GE1820), Tail Nav light (P/N A508-26), (1) Tire on Rt. main (P/N 6.00-6 10ply) (S/N 3059W0028), Left brake Assy. (P/N 30 56B) (S/N 83-2297-1119), (1) fuel press gage (P/N 1698L-910-4-21bW) (S/N T6B676A), (2) bearings (P/N 08125-20629) & (2) RACES (P/N 08231-20629) in Nose wheel. All bearings Repacked with Aeroshell 22 grease Exp. DATE 3-31-04. (All parts ops ckd good after Installation.) |

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TELEDYNE CONTINENTAL MOTORS
BATTERY PRODUCTS

Battery Serial Number

G02073790

TELEDYNE BATTERY PRODUCTS
840 W. BROCKTON AVENUE
REDLANDS, CA 92374
www.gillbatteries.com

Gill Service Log

TBP DWG. NO. 1555 NO REV

September 2002

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| DATE 19__ | RECORDING TACH TIME | FLIGHT | TIME IN SERVICE | Description of Inspections, Tests, Repairs<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 10-15-03 | TACH 2208 | | | Install new Gill Battery PN G243 |
| | | S/N G02073790 | | OPS. CK. OK. Paperwork on file |
| | | under WO | 13318 | I Certify this A/C airworthy |
| | | with Respect to the Work Preformed. | | |
| | | | | VINCENNES UNIVERSITY |
| | | | | COMMERCIAL REPAIR STATION |
| | | | | FAA REPAIR STATION NM2R034L |
| | | | | Courtney Myers |

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*worthiness authority different than the Airworthiness Authority of the country specified in*
*pts part/components/assemblies from the airworthiness authority of the country specified in*

aft maintenance records must contain an installation certification *issued in accordance with*

| DATE 19____ | TACH TIME | FLIGHT | TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|
| 12-15-03 | TACH 2297 | | | Install new Nose tire 500X5 6PLY SN |
| | 3096W000 | 22. | | NEW TUBE 500X5 PN 092-308-0 Wheel Bearing |
| | Clean & Inspected | | | Repacked aeroshell grease #22 EXPOSE |
| | 4-03 | Detailson Pilot | | underwood 13349. I Certify this |
| | A/C | airworthy | | With Respect to the work Preformed |
| | | | | VINCENNES U IN |
| | | | | COMMERCIAL REPAIR STATION |
| | | | | FAA REPAIR STATION NM2R336L |
| | | | | Courtney Myers |

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Engine oil battery manufactured by Teledyne Continental Motors

**Statements in Blocks 14 and 19 do not constitute installation certification. In all cas**
**certification issued in accordance with the national regulations by the installer/user b**

FAA Form 8130-9 (5-91)

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TIME IN SERVICE | Description of Work Performed<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | DATE 12-22-03 TACH TIME 2300 TOTAL TIME 4609 Install new air filter |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE PN BA4305- New Rt |
| | | | | CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL tire Installed PN 600x6 |
| | | | | AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS |
| | | | | AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A |
| | | | | 100 Hour INSPECTION AND WAS DETERMINED TO BE IN 6PLY/Condor. SN3064W00094 |
| | | | | AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 13358 |
| | | | | SIGNATURE Courtney Myers Install new A++ G-yro |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION PN 1U367207-15 SN781894 |
| | | | | FAA REPAIR STATION NM2A556L |
| | | | | Install new 1820 BULB Lt/Rt MAP Light |

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| 1. Approving National Aviation Authority/Country: | 2. | 3. Form Tracking Number: |
|---|---|---|
| FAA/United States | **AUTHORIZED RELEASE CERTIFICATE**<br>**FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG** | **0143/1012** |

| 4. Organization | | 5. Work Order, Contract, Invoice or Pick No: |
|---|---|---|
| Michelin Aircraft Tire Corp.<br>1305 Perimeter Road<br>Greenville, SC 29605 | Michelin Aircraft Tyre - Siam Tyre Industry Co., Ltd.<br>57 Moo 6 Nongplakradee Rd.,<br>Nongplamore, Nongkhae, Saraburi 18140 | **DKAS0143N/6**<br>0 Page Attached |

| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: |
|---|---|---|---|---|---|---|
| 1. | **5.00-5/6/120**<br>Aircraft Tire | **072-312-0** | TSO Article N/A | 1 | **3096W00022** | New |

13. Remarks. :

**DIRECT SHIPMENT AUTHORIZATION**

Limited life parts must normally be accompanied by maintenance history including total time/total cycle/time since new.

14. Certifies the items identified above were manufactured in conformity to:

☒ *Approved design data are in a condition for safe operation.*
☐ *Non-approved design data specified in Block 13.*

19. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block

*Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.*

| 15. Authorized Signature: | 16. Approval/Authorization No: | 20. Authorized Signature: | 21. Approval Certificate Number: |
|---|---|---|---|
| Anant R. | **DMIR 511126 CE** | NA | NA |
| **17. Name (typed or printed):** | **18. Date:** | **22. Name (typed or printed):** | **23. Date:** |
| **M. Anant Renseb** | **03-May-03** | NA | NA |

**User/Installer Responsibilities**

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the Airworthiness Authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts part/components/assemblies from the airworthiness authority of the country specified i Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance wit the national regulations by the user/installer before the aircraft may be flown.



*Installer must cross check eligibility with applicable technical data.

| 1. Approving National Aviation Authority/Country: | 2. AUTHORIZED RELEASE CERTIFICATE<br>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | 3. Form Tracking Number: |
|---|---|---|
| FAA/UNITED STATES | | WRK0020758 |

| 4. Organization Name and Address: | 5. Work Order/Contract/Invoice Number: |
|---|---|
| MID-CONTINENT INSTRUMENT CO., INC<br>9400 E 34th ST. NORTH<br>WICHITA, KS 67226<br>FAA CRS OL2R061L | WRK0020758 |

| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: |
|---|---|---|---|---|---|---|
| 1 | ATTITUDE GYRO | 1U367-207-15<br>1U367 | N/A | 1 | T8189A | OVERHAULED |

**13. Remarks:**

**THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED.**

**ALL WORK WAS PERFORMED I.A.W MANUAL #** DRWG PKG #34 7/2/01

The work specified in block 12/13 except as otherwise specified was carried out in accordance with JAR 145 and in respect to that work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number JAA 4675

**14. Certifies the items identified above were manufactured in conformity to:**

- ☐ **Approved design data and are in condition for safe operation.**
- ☐ **Non-approved design data specified in Block 13.**

**19.** ☒ **14 CFR 43.9 Return to Service** ☒ ***Other regulation specified in Block 13***

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

| 15. Authorized Signature: | 16. Approval/Authorization No.: | 20. Authorized Signature<br>Randall K. Ferguson | 21. Approval/Certificate No.:<br>FAA CRS OL2R061L |
|---|---|---|---|
| 17. Name (Typed or Printed): | 18. Date (m/d/y): | 22. Name (Typed or Printed):<br>RANDALL FERGUSON | 23. Date (m/d/y):<br>7/30/2003 |

## User/Installer Responsibilities

**It is important to understand that the existance of this document alone does not automatically constitute authority to install the part/component/assembly.**

**Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.**

**Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the installer/user before the aircraft may be flown.**

MID-CONTINENT INSTRUMENTS CO., INC.
9400 E 34TH ST. NORTH
WICHITA, KS 67226
FAA CRS OL2R061L

WRK0020758

7/29/2003 Page: 1

# Final Work Order

| Nomenclature | Serial No | Location | RMA # | |
|---|---|---|---|---|
| ATTITUDE GYRO | T8189A | KS | | |
| Manufacturer's Part No. | Model No. | | Quantity | |
| 1U367-207-15 | 1U367 | | 1 | |
| Manufacturer | | | Service Period | |
| SIGMA-TEK | | | | |
| | | | | |

**Reason For Removal**

**Work Instructions**

Special Instructions

Warranty Repair_____ Overhaul__X__ Return As Is_____

Functional Test_____ Repair_____

**Preliminary Inspection**

Seals Broken No Cover Damaged No Hidden Damage Inspection Required No

Nameplate Damaged No Finding

Preliminary Inspector DOUGLAS EDWARDS Date 7/29/2003

**Failure Analysis**

Filter Contaminated

ROTOR IS STICKY, ALL BEARINGS ARE BAD.

Previous Service Bulletins Installed: N/A

**Work Accomplished**

DISASSEMBLED, CLEANED, INSPECTED, REPAIRED AS NECESSARY USING PARTS LISTED, REASSEMBLED AND INSPECTED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. UNIT IS OVERHAULED.

I.A.W Manual # DRWG PKG #34 7/2/01

Outgoing Service Bulletins N/A

Technician NANCY NGUYEN Date 7/30/2003

**In-Process Inspector** KHA NGUYEN Date 7/30/2003

**FINAL INSPECTOR** RANDALL FERGUSON Randall K. Ferguson Date 7/30/2003

**Parts Used**

| Part Number | Part Description | Quantity |
|---|---|---|
| 1V285-991 | ROTOR EDO HG | 1 |
| MV60160X1-48A7P | BEARING | 2 |
| SSR4ZZMCRA7P24 | BEARING, BALL | 1 |
| R6SSTQX55K5 | BEARING | 1 |
| 60B076-002 | BOTTOM PLATE | 1 |
| 1V362-001 | FILTER | 1 |
| 73B011-001 | GASKET | 1 |

# *Bemco, Inc.*

## Certificate of Conformance

**All materials used in manufacturing these parts were tested in accordance and meet the requirements of FAR 25.853 Appendix F (b), (where applicable).**

Customer: CHANCE AVIATION P. O. Number: 1211

Bemco, Inc. F. O. Number: 62384

---

**This order has been manufactured to all applicable requirements of**

Company: NAS1369 Print Number: NAS1376 Revision: 2

(Cust)Part Number: NAS1376A16SB018 Revision: 2 Description: DUCT

---

Bemco Part Number: BE717-6A16SB018 Batch #(s):

Cure Date: Shelf Life: 36 Months

Quantity Shipped: 12

Invoice/Lot Number: 01560 Ship Date: 2-16-01

---

**and all applicable requirements of Bemco, Inc. Quality Control Procedures. Records of tests are on file subject to examination.**

T. S. Weir

T. S. Weir
Mgr. Bemco, Inc Quality Control Department Date: 2/15/01

Name

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 3-5-04 & | TACH 2350 PN 5102296-16 in Service | | | Installed new Vertical Angles PN 5102296-15 & Stiffner PN 5102296-17 acc to Instl. Kit SK125A Elevator Removed ACC to Service Manual Details on file under WO 13398. I Certify the A/C Airworthy with Respect to the work Performed. VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION YM2R036C Courtney Myers |

DATE 19

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Each GILL battery manufactured by Teledyne Continental Motors

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | ELT INSPECTED AS FOLLOWS: 1. PROPER INSTALLATION 2. BATTERY CORROSION 3. OPERATION OF CONTROLS AND CRASH SENSOR 4. THE PRESENCE OF A SUFFICIENT SIGNAL RADIATED FROM ITS ANTENNA |
| | | | | DATE 6-8-04 TACH TIME 2400 |
| | | | | SIGNATURE Courtney Myers |
| | | | | FAA REPAIR STATION NM2R036L |
| | | | | DATE 6-8-04 TACH TIME 2400 TOTAL TIME 4700 |
| | | | | INSPECT AIRFRAME INTERIOR AND EXTERIOR STRUCTURE CHECKED. FLIGHT CONTROLS AND SYSTEM CHECKED. FUEL AND ELECTRICAL SYSTEMS CHECKED. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS ON FILE UNDER WO 13446 |
| | | | | SIGNATURE Courtney Myers |
| | | | | VINCENNES UNIVERSITY COMMERCIAL REPAIR STATION FAA REPAIR STATION NM2R036L |
| | | | | Install new air filter PN BA4305. NEW CARB Intake Hose PN NAS1376A16SB018 Installed New Bulb GE1820 Installed @ MAP Light |

ADDITIONAL MATERIAL IS USED

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | |
| | | | | |

## Logbook Entry

Date 6/25/2004 Make: Grumman N# 123VU

Reinstalled transponder after Cavity tube replacement, performed Data Correspondence test in accordance with Part 43, Appendix E, Paragraph C. Transponder Biennial test performed per FAR 91.413.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and was found to be ok for return to service.

Pertinent details of this repair are on file at this Repair Station under Work Order. 4-1189

Bruce W. Tippett A&P316682285

For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN. 47725 CRS No. PG2R082L

Phone (812) 425-2603 FAX (812) 425-2129

E-Mail btjetman@roncollinsaviation.com URL www.roncollinsaviation.com

| | | | |
|---|---|---|---|
| | | | |
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| | | | |

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| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | |

Performed Biennial check required by FAR 91.413
on KING KT 76A Transponder system
#1 S/N 84593 & # 2 S/N ———
Specifications were met per Part 43 Appendix F and
were recorded on W.O. # 4-1179
Ron Collins Aviation Electronics, Evansville, Indiana
FAA Repair Station # PG2R082L

6-25-04 [signature]
Date Authorized Signature

I Certify the Altimeter and Static System tests
required by FAR Part 91.411 have been performed.
#1 Altimeter was tested to 20 K feet on 6-25-04
#2 Altimeter was tested to — K feet on —
#1 Data correspondence to 20 K feet on 6-25-04
#2 Data correspondence to — K feet on —
Ron Collins Aviation Electronics Evansville, Indiana
FAA Repair Station # PG2R082L

6-25-04 [signature]
Date Authorized Signature

**SCALE CORRECTION** **ALT S/N 5G326**

| MASTER | ALTIMETER | MASTER | ALTIMETER |
|---|---|---|---|
| -1000 | -1000 | 14000 | 13970 |
| 0 | 0 | 16000 | 15980 |
| 500 | 520 | 18000 | 17980 |
| 1000 | 1010 | 20000 | 19975 |
| 1500 | 1510 | 22000 | |
| 2000 | 2000 | 25000 | |
| 3000 | 3000 | 30000 | |
| 4000 | 4000 | 35000 | |
| 6000 | 5980 | 40000 | |
| 8000 | 7960 | 45000 | |
| 10000 | 9960 | 50000 | |
| 12000 | 11960 | | |

**RON COLLINS AVIATION ELECTRONICS**
**TESTED BY: BJ DATE: June 25, 2004**

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Tawen

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 7-15-04 | Tach 2405 | | | Install new Elt Battery PN 00-30-006 New Due Date is 8-06. OPS. CK. OK. Details on file under WO 13460. I Certify this AK Airworthy With Respect to the Work Performed. |

ARTEX Artex Aircraft Supplies Inc.
14405 Keil Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-8901
TSO C91-a Battery Pack Only P/N 00-30-006 Rev. C
Enu. Cal. C1A/00183/XXXXXXXBBBBB
REPLACE BATTERY AUG/2006_

VINCENNES UNIVERSITY
COMMERCIAL REPAIR STATION
FAA REPAIR STATION NM2R336
Courtney Myers

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 8-9-04 | TACH 2405 | Install | | new Landing Light Lens on Lt Side PN200005-1 |
| | | Details | | on File under WO 13479. I Certify this A/C |
| | | aircraft | | with Respect to the Work Performed |
| | | | | VINCENNES UNIVERSITY |
| | | | | COMMERCIAL REPAIR STATION |
| | | | | FAA REPAIR STATION AM2R036C |
| | | | | Courtney Myers |

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2/14/05
N123VU

Tach Time: 2413.0 Hrs.
Total Time: 4713.0 Hrs

1. **Annual Inspection** completed this date in accordance with the Tiger Aircraft LLC Model AG-5B 100/Annual Inspection Check List.
2. Painted and installed new spinner.
3. Repaired Left hand cowl door forward brace using carbon fiber reinforcement. Re-potted cowl door latch pin bushings & reattached loose nut plates.
4. Re-bonded cowl latch rails to lower cowl skin and secured with rivets.
5. Repaired hole in lower cowl nose bowl and lower cowl damage at nose gear boot attach point using carbon fiber cloth.
6. Repaired upper firewall flange and installed new chafe strips to allow cowl doors to be properly adjusted.
7. Installed "U" channel over the top edges of the lower cowl to prevent further erosion of the carbon fiber.
8. Reinstalled nut plates at NG boot attach point.
9. Clean nose gear fork and check for cracks. Install new spring washers and "O" ring. Adjust fork brake away tension to 18 lbs.
10. Installed new NG shocks.
11. Removed old baffle seals, cleaned baffles and Installed all new baffle seals.
12. Removed fuel pump and fuel line to right side of carb, installed new fuel pump and re-route fuel lines per SK-154.
13. Disconnected engine mount from airframe, Removed material from lower left engine mount attach point extrusion for clearance with steel tube engine mount and reinstalled mount.
14. Resealed cabin heat valve to firewall.
15. Removed both control yoke and shaft assemblies, installed new bearings and reinstalled yoke assemblies.
16. Replaced incorrect throttle cable with approved throttle cable and re-rigged throttle control.

CONTINUED NEXT PAGE

DATE

19

of
ies.)

17. Installed new carburetor heat cable.
18. Removed windshield assy, & removed windshield bow. Cleaned and inspect bow and rebonded to new windshield. Reinstall windshield.
19. Installed new forward canopy seal.
20. Removed canopy latch, cleaned and lubricated latch assembly and reinstalled.
21. Installed new headliner and new latch cover in canopy.
22. Removed ailerons, flaps, wings, interior panels, wing roots and steps. Repaired cracks in the honeycomb side panels at the step attach points I/A/W Tiger Aircraft DER Engineering Report No: ENG-01-20-05. See FAA Form 337 dated 2/15/05.
23. Reinstalled wings using one .005 shim on the left wing spar and two .005 shims on the right wing spar and installed new wing attach shoulder bolts I/A/W AD 95-19-15.
24. Removed flap center torque tube, installed new bearings and reinstalled.
25. Clean and stop drilled damaged honeycomb on the right side aft cabin floor. Fabricated patches from .032, 2024-T3 aluminum, potted the damaged honeycomb area with Hysol bond sealer and bond and rivet patches into place.
26. Rerouted static line to its proper location to remove un-drainable low point in the static system.
27. Removed "T" column, Remove rudder paddles, remove brake cylinders and remove disbonded nose gear torque tube. Install new NGTT in reverse order.
28. Removed old flap indicator control wire and installed new wire. Re-rig flap indicator.
29. Tightened pilot and co-pilot seat attach brackets.
30. Replaced all brake linings.
31. Serviced brakes with MIL-H-5606
32. Installed new main wheel fairings and brake fairings. Installed new nose wheel fairing
33. Removed elevator trim torque tube, installed new bearings and new aft torque tube.
34. Removed old elevator trim arms, aligned trim tabs, drilled attach holes and installed new trim arms using new rollers, bushings and bolts.

CONTINUED NEXT PAGE

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|

35. Re-rigged elevator trim system.
36. Removed horizontal stabilizer and removed carry through spar. Removed bad rivets from horizontal attach point repair and removed the damaged -15, -16, and -17 angles. Installed new angles using rivets and Hysol bond sealer. Installed new carry through spar and shimmed as required. Reinstalled horizontal stabilizer and re-rigged elevators.
37. Resealed fresh air NACA duct drain tubes.
38. Re-rigged "T" column chain and installed new turn buckle lock pins.
39. Removed both elevator tips, repaired cracks and reinstalled.
40. Removed old seat belts and harnesses and installed all new seat belts and shoulder harnesses with new reel covers.
41. Installed new wing root seals.
42. Serviced Battery and cleaned battery tray.
43. Installed new upper rudder bearing and new lower rudder bearing bracket assy.
44. Installed new interior lower, leather covered side panels. Installed new kick panels. Installed new floor and baggage compartment carpets. Installed new side wall carpets and rear seat bulkhead carpets.
45. Installed new leather arm rests.
46. Installed new cabin headliner.
47. Removed and painted all interior plastic molding and reinstalled.
48. Installed new M301C Digital OAT I/A/W Tiger Aircraft optional equipment drawings. (Minor Alteration)
49. Installed 12V auxiliary power receptacle I/A/W Tiger Aircraft optional equipment drawings. (Minor alteration)

CONTINUED NEXT PAGE

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| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|

50. Performed Operational test of the ELT. Battery replacement due August, 2006.
51. Installed new nav light lenses.
52. Installed new light assembly in right speaker cover.
53. Installed new throttle quadrant, fuel selector and check list placards.
54. AD 76-07-12R1 complied with by operational check of the mag switch.
55. AD 95-19-15 complied with. See item #20 above. Next due at 1,000 hours of the shoulder bolt's time in service. All other ADs checked through issue 2005-2.
56. The aircraft was test flown and minor rigging adjustments made.

The aircraft identified above was repaired and inspected in accordance with currant maintenance rules of the Federal Aviation Regulations and is approved for return to service.

Pertinent details of the repair are on file at this repair station under Work Order # 000066 Dated 01/19/05.

Signed Loyd Montague for
Tiger Aircraft Repair Station No. IG8R738X
226 Pilot Way, Martinsburg, WV 25401

END

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ADDITIONAL MATERIAL PAGES

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---|---|---|---|

2/15/05
N123VU

Tach Time: 2413.0 Hrs.
Total Time: 4713.0 Hrs

**AIRCRAFT PAINTED and REGISTRATION NUMBER CHANGED**

Removed all flight controls and canopy. The aircraft was sanded, filled and primed as necessary. Painted the aircraft with Sherwin Williams Jet Glow Matterhorn White CM0570535, Acry Glow Dark Blue 10596 and Acry Glow Titanium 10679. Changed registration number from N123VU to N45412 in accordance with FAA Form 8050-64 dated March 30, 2004. Installed new ground straps on the ailerons and rudder. Rebalanced the ailerons and rudder and reinstalled. Installed all new exterior placards. Cleaned, sanded and painted the inside of the engine cowl doors with Super Koropon Aluminized Enamel 529K002. Installed new right wing root fairing. Installed new nose strut rubber fairing. This aircraft was test flown and all controls checked satisfactory.

The aircraft identified above was repaired and inspected in accordance with currant maintenance rules of the Federal Aviation Regulations and is approved for return to service.

Pertinent details of the repair are on file at this repair station under Work Order # 000070 Dated 04/15/05.

Signed Loyd Montague for
Tiger Aircraft Repair Station No. IG8R738X
226 Pilot Way, Martinsburg, WV 25401

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c entries.)

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs** Entries must be endorsed with Name, Rating and Certifica Technician or Repair Facility. (*See* back pages for other speci |
|---|---|---|---|---|
| DATE 8/15/07 | TACH 2418.2 | | ACFT 4718.2 | INSTALLED NEW G-243 |
| BATTERY SERVICED AND CHARGED AT THIS TIME. OPS CHECK | | | | |

| Battery Part # | Serial # | Date Installed | Tachometer Time In |
|---|---|---|---|
| G-243 | GOZ340520 | 15 Aug 07 | 2418.2 |
| | | Removed | Out |

Maintenance Log

| Service Period Hours | Mths | Date | Cell Specific Gravity 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | Battery Voltage Before | After |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 3 | 3 Oct 08 | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | |
| 150 | 6 | | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | | | |
| 250 | 9 | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | | |
| 350 | 12 | | | | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | | | | | |

Battery Capacity Check First _____ Second _____ Battery Voltage _____

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repa** Entries must be endorsed with Name, Rating and Certifi Technician or Repair Facility. (*See* back pages for other spec |
|---|---|---|---|---|
| DATE 8/15/07 TACH 2418.2 ACTT 4718.2 INSTALLED NEW G-243 BATTERY SERVICED AND CHARGED AT THIS TIME OPS CHECK SATISFACTORY Michael C Kellogg A/P 328586426 | | | | |
| 8/15/07 TACH 2418.2 ACTT 4718.2 THIS AIRCRAFT HAS BEEN INSP AND HAS BEEN FOUND SAFE FOR FLIGHT IN ACCORDANCE WITH SPECIAL FLIGHT PERMIT DATED 8/15/07 Michael C Kellogg A/P 328586426 | | | | |

TELEDYNE CONTINENTAL MOTORS
BATTERY PRODUCTS

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U.S. Department of Transportation
**Federal Aviation Administration**

Flight Standards District Office EA39
6433 Bryan Blvd.
Greensboro, NC 27409
336-662-1000, Fax: 336-662-1080

## FAX - SPECIAL FLIGHT PERMIT

This permit is for the following aircraft for the purpose of **maintenance.**

| REG. NO. | MAKE: | MODEL: | SERIAL NO: |
|---|---|---|---|
| N45412 | American General Aircraft Corp. | AG-5B | 10069 |

| FROM: | TO: | VIA: |
|---|---|---|
| HNZ (Oxford-Henderson, NC) | TTA (Sanford, NC) | N/A |

***This authorization must be displayed in the aircraft in accordance with 14 CFR §91.203(b)***

This authorization expires upon arrival at destination or 08/20/2007.

These Operating Limitations are a part of the Special Flight Permit issued to the aircraft described above. Flight crew members must be properly certificated and rated in accordance with 14 CFR Part 61.

1. The flight described above shall be made under VFR/VMC day conditions only, (unless the additional limitation below authorizes differently). The flight shall be made by the most direct and expeditious route consistent with the aircraft operating limitations and weather.

2. Occupancy of the aircraft is limited to the pilot, essential flight crew required to operate the aircraft and its equipment and personal baggage.

3. Flight over congested areas is prohibited, and takeoffs and landings shall be conducted to avoid congested areas in the vicinity of any of the airports used in conjunction with this authorization. Flight over a foreign country must have special permission from that country.

4. Prior to flight, the aircraft must be inspected by a certificated mechanic or repair station to determine the aircraft is safe for the intended flight. The result of that inspection will be entered in the permanent aircraft records with the following similarly worded statement: **"This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated** 08/15/2007**."**

5. Operation of this aircraft is subject to the approval of the registered owner. The aircraft must display U.S. registration identification marks and have a registration certificate issued to its owner on board. This permit is valid for one flight only (Direct) with necessary fuel stops.

6. Any Airworthiness Directive pertinent to this make and model of aircraft that requires compliance must be complied with before the ferry flight is initiated unless the AD specifies that the aircraft can be ferried to a location where the requirements of that specific AD can be accomplished.

Additional Limitations:

NONE

John P. Clark

John P. Clark
Aviation Safety Inspector

Date issued: 08/15/07

| DATE | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| AUG. 22, 2007 | | T.T. | 4719.2 | TACH 2419.2 This aircraft was inspected IAW Grumman checklist. Replaced ELT battery and inspected IAW FAR 91.207 par. d. OK. Batteries nett due 08/2009. Left landing light replaced with P/N 01-0770346-01 Dpo check OK. Installed new left wing fuel drain valve. I certify that this aircraft has been inspected IAW an Annual inspection and is deemed airworthy this date. Daniel J Rembach A&P 30876716 I.A. |

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| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|

Reg #: N45412
Model: AG – 5B
Serial #: 10059
Work Order #: A9599

AIR CARE INC.
Aviation Services

Hobbs: 5957.5
Tach: 2420.5
Total Time: 4720.5
Date: 8/28/07

I certify the ATC Transponder System Test and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.
#1 Make Bendix Model KT76A S/N 84593
#2 Make N/A Model N/A S/N N/A
Details of this inspection are on file at this repair station under WO# A9599.
Operational checks normal. See work order for detail.

For: Air Care, Inc.
FAA Repair Station
AC0R030C

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | 29 Aug. 2008 |
| | | | | N45412, 4721.1 ACTT |
| | | | | Removed KLX-135 GPS/Com, KX-155, KMA-24 audio panel, GPS antenna, KT-76A transponder, and all related avionics harnesses and relays. Installed two S-Tec avionics shelves according to factory instructions. Installed the following equipment according to install manuals: KX-165 Nav/Com, KN-63 DME with KDI-572 indicator, KLN-88 LORAN, GPS-400, Sandel SN3308 EHSI, S-Tec 6444 gyro and 6446 flux detector with factory mount, WX-500 Stormscope, dual avionics master switches (note dual circuits with split buss.) 2 KI-204 nav indicators, PMA-8000B audio panel with 4-place intercom and PXE-7300 CD/AM/FM and antenna. WAAS GPS antenna was mounted in place of the removed GPS antenna. LORAN, DME, AM/FM antennas are installed on the belly. Replaced nav coax from tail to splitter and from splitter to Nav 1 & 2. Replaced balum. WX-500 antenna is mounted aft of the baggage compartment. KT-70 transponder was installed in place of the KT-76A. The encoder was reused. A new CI-305 antenna was installed in the forward left side of the belly. All wiring harnesses were provided by Approach Hub Systems as was the central hub. Three MD41-248 relays to control nav information were mounted on a bracket aft of the firewall. WX-500, KN-63 DME, and remote gyro units were installed behind the baggage compartment on avionics shelves. All systems were ground tested. See the following FAA 337s: GPS-400 dated 8 May 2008; Sandel 3308 and WX-500 dated 8 May 08; PMA-8000B, PXE-7300, KN-63 DME, KX-165 and avionics shelf dated 8 May 2008; KLN-88 LORAN dated 8 May 08. The avionics cooling fan was replaced with an FN300. All cooling hoses were replaced. Vacuum hoses on the horizon were replaced. A vacuum warning system was installed and a Dialight warning light was installed above the altimeter. Removed Davtron M301C OAT; installed M307FC. Tail strobe wiring harness was replaced with a shielded harness. Replaced instrument panel sheet metal. All systems were ground tested and found to be airworthy. Weight and balance and equipment list was revised. ---------- |
| | | | | END---------- Michael Hammill A&P 228966619 |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries) |
|---|---|---|---|---|
| | | | | 1 Sep 2008 |
| | | | | N45421 AG-5B SN 10059 TTAF 4721.7 |
| | | | | Performed inspection IAW General Aviation lists. The entire interior was removed and all areas inspected. |
| | | | | Removed birds nest from right wing. Replaced 1 main wheel bearing and both nose wheel bearings and 1 |
| | | | | race. Replaced 4 exhaust riser couplers. Repaired left wing landing light wiring. Replaced battery |
| | | | | terminals. Replaced aircraft seat covers. Burn test for the seat covers 8110-3 dated 8/28/03 is with aircraft |
| | | | | records. Installed BlueSky sun visors. Replaced seat hose from air inlet to engine air filter and defroster |
| | | | | hose. Replaced engine air filter (BA4305). Lower cowling paint was repaired. Replaced pitot heat, nav |
| | | | | light, strobe light, landing light, and fuel pum |
| | | | | Replaced alternator warning light with Dialigl |
| | | | | Aircraft was ground tested. I certify that this a |
| | | | | found to be in airworthy condition. --------EN |
| 1 Sep 08 | | | | 195# |
| | | | | |
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PS Form 152, May 2002

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alteration** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries) |
|---|---|---|---|---|
| | | | | 1 Sep 2008<br>N45421 AG-5B SN 10059 TTAF 4721.7<br>Performed inspection IAW General Aviation lists. The entire interior was removed and all areas inspected. Removed birds nest from right wing. Replaced 1 main wheel bearing and both nose wheel bearings and 1 race. Replaced 4 exhaust riser couplers. Repaired left wing landing light wiring. Replaced battery terminals. Replaced aircraft seat covers. Burn test for the seat covers 8110-3 dated 8/28/03 is with aircraft records. Installed BlueSky sun visors. Replaced scat hose from air inlet to engine air filter and defroster hose. Replaced engine air filter (BA4305). Lower cowling paint was repaired. Replaced pitot heat, nav light, strobe light, landing light, and fuel pump switches. Replaced panel and instrument light dimmers. Replaced alternator warning light with Dialight equivalent. Replaced light sockets in speaker boxes. Aircraft was ground tested. I certify that this aircraft was inspected IAW an annual inspection and was found to be in airworthy condition. ——END—— Michael Hammill IA 228966619 |
| 1 Sep 08 | | | | installed 12vdc Aux power outlet in panel. |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

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U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

# STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

DATE: 8/28/03

## AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

| MAKE | MODEL NO. | TYPE (Airplane, Radio, Helicopter, etc.) | NAME OF APPLICANT |
|---|---|---|---|
| N/A | N/A | N/A | Diversified Testing Laboratories, Inc. |

## LIST OF DATA

| IDENTIFICATION | TITLE |
|---|---|
| Lab I.D.#: 7501<br>Dated: 8/28/01<br>Sample I.D.:<br>ECLIPSE PELICAN<br>PIECE #E0811<br>DYELOT #42163 | 12-Second Vertical Bunsen Burner Flammability Test |

PURPOSE OF DATA

To show compliance with FAR 25.853 (a)

APPLICABLE REQUIREMENTS (List specific sections)

FAR 25.853 (a), Amendment 25-72

CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered as above have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.

I (We) Therefore
- [ ] Recommend approval of these data
- [X] Approve these data

| SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S) | DESIGNATION NUMBERS(S) | CLASSIFICATION(S) |
|---|---|---|
| Karon S. Matkins | DERY-510235-CEF | Structures-Flammability Only |
| | | |
| | | |

FAA Form 8110-3 (11-70) SUPERSEDES PREVIOUS EDITION

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

# STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS

DATE: 4/6/01

## AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION

| MAKE | MODEL NO. | TYPE (Airplane, Radio, Helicopter, etc.) | NAME OF APPLICANT |
|---|---|---|---|
| N/A | N/A | N/A | Diversified Testing Laboratories, Inc. |

## LIST OF DATA

| IDENTIFICATION | TITLE |
|---|---|
| Lab I.D.#: 9550<br>Dated: 4/6/01<br>Sample I.D.:<br>Eclipse Grey Moon<br>Piece #E0582<br>Dyelot #21651 | 12-Second Vertical Bunsen Burner Flammability Test |

PURPOSE OF DATA

To show compliance with FAR 25.853 (a)

APPLICABLE REQUIREMENTS (List specific sections)

FAR 25.853 (a) Amendment 25-72

CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered as above have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.

I (We) Therefore
- ☐ Recommend approval of these data
- ☒ Approve these data

| SIGNATURE(S) OF DESIGNATED ENGINEERING REPRESENTATIVE(S) | DESIGNATION NUMBER(S) | CLASSIFICATION(S) |
|---|---|---|
| Karon Matkins | DERY-510235-CEF | Structures-Flammability Only |
| Karon S. Matkins | | |
| | | |

FAA Form 8110-3 (11-70) SUPERSEDES PREVIOUS EDITION

OCTOBER 18, 2001

SOUTHWEST FOAM FABRICATORS

FAX NO: 817-354-4218

ATTENTION: TREY BUBLICK

THE FOAM TYPE L32XS, MEETS OR EXCEEDS THE REQUIREMENTS OF FAA 25.853 (a) App. F Part 1 (a) (I) (ii) (12 SECOND VERTICAL HANG BURN TEST), AT THE TIME OF SHIPMENT FROM CARPENTER FACILITIES

IF YOU HAVE ANY QUESTIONS OR COMMENTS CONCERNING THE ABOVE, PLEASE CALL ME AT YOUR CONVENIENCE.

Irma Cearley

IRMA CEARLEY
QUALITY ASSURANCE

E. R. CARPENTER, L.P.
2011 NORTH GENERAL BRUCE DRIVE
P O BOX 1001
TEMPLE, TEXAS 76503
254 778 8131

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 6/26/08 | TACH | 2445.5 | | REPAIRED CANOPY LATCH BY REPLACING SOME ITEMS TO LATCH MECHANISM - REMOVED ORIGINAL TUMBLER LOCK CYLINDER WITH HIGH-SECURITY LOCK CYLINDER - REPLACED BOTH FUEL GAUGE LIGHT BULB WITH PART NO 2990D 4-28V - OPS CHECK THESE ITEMS SATISFACTORY Michael C Kellogg A/P 32858642G |

N45412 MODEL: AG-5B GRUMMAN TIGER S/N 10059
DATE: 11/03/08 TACH: 2430.9

R/R OIL FILTER P/N CH48110-1 IAW CESSNA S/M. CUT OPEN OLD FILTER AND INSPECTED IAW LYCOMING SI# 1492, FOUND NORMAL WEAR MATERIAL THAT WAS WELL WITHIN THE PRAMETERS DESCRIBED IN LYCOMING SI# 1492. OPERATIONAL CHECK SATISFACTORY AT THIS TIME. A/C RETURNED TO SERVICE

Randall E. Vail IA 30468209

----------END----------

© 1992 ASA

Date 08-25-09

I certify the below transponder(s) have been inspected and found to comply with the requirements of FAR Part 91.413 on Work Order No. 99783 dated 08-25-09.

#1 Transponder: Make KING

Model KT-70 S/N 10789

#2 Transponder: Make —

Model — S/N —

Signed [signature] for

Sparkchasers Aircraft Services, Inc.

FAA Repair Station No. XSPR699K

**iption of Inspections, Tests, Repairs and Alterations**

must be endorsed with Name, Rating and Certificate Number of ian or Repair Facility. (*See* back pages for other specific entries.)

| | | | | |
|---|---|---|---|---|
| 9/2/09 | 2448.1 | | | REPLACED ELT BATTERY BATTERY PART NO BP-1030 OR 11-#7950 COMPLIED WITH FAR 91.207D ELT OPS SATISFACTORILY BATTERY NOW DUE (NOV 2011). Michael C Kellogg A/P3285864 26 |

**N4541Z Tach 2448.7** **Aircraft Maintenance Log Entry**

Tested repaired KT70 sn 10789 in aircraft IAW FAR 43 appx F. Tested altitude reporting system to service ceiling. Static leak test OK. Unit repaired by Avionics Specialist wo# 32329 RS# PK4R443M. Details on file wo# 99797. Sparkchasers Aircraft Services. CRS XSPR699K

Signed [signature] Date 9-2-09

CRS XSPR699K

PRICE

COST

902 ASA

| 1. Approving National Aviation Authority/Country: | 2. | 3. Form Tracking Number: |
|---|---|---|
| FAA/United States | **AUTHORIZED RELEASE CERTIFICATE**<br>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | 327329 |

| 4. Organization Name and Address: | | | 5. Work Order/Contract/Invoice: |
|---|---|---|---|
| www.avionics-specialist.com | **Avionics Specialist, Inc.**<br>**PK4R443M** | 3833 Premier Avenue/Memphis, Tennessee 38118 U.S.A.<br>Phone (901) 362-9700 Fax (901) 794-8276 | DON CURRY |

| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: * | 10. Quantity | 11. Serial/Batch Number: | 12. Status/Work: |
|---|---|---|---|---|---|---|
| A | KING<br>KT70 | 066-01141-0101 | N/A | 1 each | 10789 | REPAIRED |

13. Remarks: Approval For Return To Service Reference Work Order: 327329 Technician: MITSAMPHANH, THU Date: 08/28/09

BENCH CHECKED UNIT. FOUND UNIT INOPERATIVE. NO DISPLAY. TRACED FAULT TO SEVERAL PINS BENT ON I15. REPAIRED BENT PINS ON IC. PROCEEDED WITH PERFORMANCE TEST AND DURATION TEST. CLEANED, INSPECTED, AND ALIGNED UNIT. REPAIRED UNIT TO MEET THE MANUFACTURER'S SPECIFICATION USING THE MANUAL: 006-05306-0003. REV: 3, 07/01/99. NO MODS. REFURBISHED AS REQUIRED.

"RECERTIFIED IAW FAR 43 APPENDIX F AND MEETS ALL REQUIREMENTS OF FAR 91.413"

Avionics Specialist, Inc. certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and with respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number/EASA.145.4220.

14. Certifies the items identified above were manufactured in conformity to:

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

☐ Non-approved design data specified in Block 13.

| 15. Authorized Signature: | 16. Approval/Authorization No.: |
|---|---|
| 17. Name(Typed or Printed): | 18. Date (m/d/y): |

19. [X] 14 CFR 43.9 Return to Service [X] Other regulation specified in Block 13

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations; part 43 and in respect to that work, the items are approved for return to service.

| 20. Authorized Signature: | 21. Approval/Certificate No.: |
|---|---|
| | PK4R443M |
| 22. Name(Typed or Printed): | 23. Date (m/d/y): |
| Mark A. Hilsgen | Aug/28/2009 |

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in block 14 and 19 do not constitute Installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

*Installer must cross-check eligibility with applicable technical data.

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | I certify that this AIRCRAFT has been Inspected in accordance with a 100HR/ANNUAL Inspection and was determined to be in Airworthy Condition.<br>W.O. No. 0015<br>T.T. 2457.8 ACFT 4757.8<br>Signature Michael C Kellogg<br>A & P No. 2085864 26 IA<br>Date 10/13/09 |
| | | | | REPLACED STALL WARNING HORN - REPLACED ALL 4 GASKETS ON EXHAUST SYSTEM - REPLACED BOTH HOUR METER & CLOCK FUSE HOLDERS IN BATTERY COMPARTMENT - SERVICED & CHARGED BATTERY - REWIRED PROP BOLTS - SECURED LOOSE WIRES IN RIGHT WING - CLEANED OUT DEBRIS FROM INSIDE BOTH LEFT & RIGHT WINGS - REPLACE INTAKE AIR FILTER ELEMENT - REPLACED O-RINGS IN BOTH FUEL CAPS - ADJUSTED LOCK DOWN TAB ON RIGHT FUEL CAP - RESECURED LOOSE FUEL TANK VENT LINE IN LEFT WING - REPLACED FUEL SELECTOR VALVE - BLED BRAKES & SERVICED BRAKE SYSTEM - CHECK ALL CONTROL CABLES FOR PROPER TENSION & CONDITION - LUBED ALL CONTROL PULLEYS & ROD ENDS & HINGE POINTS - REPACKED WHEEL BEARINGS ALL 3 WHEELS - CLEANED & INSPECTED FUEL PUMP SCREEN INSTALLED NEW GASKET - INSTALLED COLOR CODED SWITCH COVERS - REPLACED GROMMETS IN LEFT WING ON FUEL VENT LINE - C/W FAR 91.207D ELT OPS & BATTERY NO DEFECT NOTED NEXT INSP DUE AT NEXT ANNUAL OR BATTERY REPLACEMENT BATTERY DUE |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| (11/11) | C/W AD | 76-07-12 R1 | | BENDIX IGNITION SWITCH - NO DEFECT NOTED NEXT INSPECTION DUE AT 4857.8 ACTT ON ANNUAL INSPECTION - C/W AD 95-15-15 WING ATTACH SHOULDER BOLT NEXT INSPECTION DUE AT 5713 ACTT - C/W AD 04-10-14 CRANKSHAFT GEAR RETAINING BOLT - NEXT INSPECTION DUE AT PROP STRIKE OR SUDDEN STOPPAGE - CLEANED WINDOW VACUUMED INTERIOR - R.O. 0015 ON FILE AT AIRCOBRA II LLC OXFORD HARVEYSON AIRPORT (HN2) OWNER SUPPLIED COPY |
| | | | | Michael C Kellogg |
| | | | | A/P 3245842 CIA |
| | | | | |
| | | | | |
| | | | | 15 Nov 2010 N45412 AG5B Sn. 10059 ACTT 4760.8. Performed airframe inspection IAW General Aviation list. Sealed intake hose from filter. Lubed airframe and wheels. See AD List 6 Nov 2010. I certify that this aircraft was inspected IAW an annual inspection and was determined to be in Airworthy Condition. --- END--- Michael Hammill IA 3496529 |
| | | | | |
| | | | | |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | Log Book Entry |
| | | | | N45412 Tach Time 2468.8 S/N 10059 DATE 8/23/2011 W.O.# 11-06954 |
| | | | | Ramp tested Mode S transponder I/A/W FAR 91.413 and found to meet the requirments of FAR 43 appendix F and FAR 43 appendix E para (C). King KT 70 s/n 10789 tci SSD120-30 S/N A46468 |
| | | | | 8/23/2011 RDU Gerald B Coons |
| | | | | Signed _____ For Ram Air Freight Repair Station #FFKR873D |
| | | | | 17 Dec 2011 N45412 AG5B Sn. 10059 Tach 2470.1 ACTT 4770.1. Performed airframe inspection IAW General Aviation list. Replaced ELT Battery and tested operation Battery Due Dec 2013 See AD List Dec 2011. Removed Loran receiver with antenna and moved AM/FM/CD player to bottom of center stack. Weight and balance was revised. Nose gear strut was inspected by removal installed and installed.I certify that this aircraft was inspected IAW an annual inspection and was determined to be in Airworthy Condition. - - END--- |
| | | | | Michael Hammill IA 3496529 |

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DATE 19____ RECORDING TACH TIME

ID Show this total on front in space marked

ABOR CO

N45412 Tach 2474.8

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Descriptio Entries must Technician o |
|---|---|---|---|---|
| | | | | |

9 Apl 2013 N45412 AGSB Sn. 10059 Tach
inspection IAW General Aviation list. Batt

FAR 91.411

ALTIMETERS,ALTITUDE REPORTING EQUIPMENT
PRESSURE SYSTEM HAVE BEEN CHECKED ANI
SPECIFICATIONS OF APPENDIX E OF PAI

ALTIMETER CERTIFIED TO

| LEFT FEET | RIGHT |
|---|---|
| 20,000 | |
| S/N: 5C326 | S/N: |
| DATE: 9-18-2013 W/O 6365 | INSPECTOR: Richard E |

FAR 91.413

THE ATC TRANSPONDERS AND INSPECTIONS AS RE(
91.413 WERE PERFORMED THIS DATE AND FOUND TC
PART 43 APPENDIX F, AND APPENDIX E PARAG

| | | | |
|---|---|---|---|
| TRANSPONDER #1 | MAKE: King | MODEL: KT70 | S/N: 1C |
| TRANSPONDER #2 | MAKE: | MODEL: | S/N: |
| DATE: 9-18-2013 | WO: 6365 | INSPECTOR: Richard Kellin | |

CAROLINA AVIONICS GROUP, LLC
FAA APPROVED REPAIR STATION # QCCR

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K

**Altimeter Scale Error**

Correction Card

| TEST PT(FT) | Indicator Reading at +26c |
|---|---|
| -1,000 | -1000 |
| 0 | 0 |
| 500 | 500 |
| 1,000 | 1010 |
| 1,500 | 1510 |
| 2,000 | 2020 |
| 3,000 | 3020 |
| 4,000 | 4020 |
| 6,000 | 6040 |
| 8,000 | 8020 |
| 10,000 | 9980 |
| 12,000 | 12000 |
| 14,000 | 14020 |
| 16,000 | 16060 |
| 18,000 | 18040 |
| 20,000 | 20050 |
| 22,000 | |
| 25,000 | |

| TEST | Indicator Reading at +26c |
|---|---|
| 30,000 | |
| 35,000 | |
| 40,000 | |
| 45,000 | |
| 50,000 | |
| 55,000 | |
| 60,000 | |
| 70,000 | |
| 80,000 | |

| Altimeter Position | |
|---|---|
| Pilot | ✓ |
| Copilot | |

ALT. S/N 5C326
DATE 9-18-13

DOC# ECC123

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|

9 Apl 2013 N45412 AG5B Sn. 10059 Tach 2471.2 ACTT 4771.2. Performed airframe inspection IAW General Aviation list. Battery Due Dec 2013 See AD List Dec 2013. I :tion and was determined to

FAR 91.411

ALTIMETERS,ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43

ALTIMETER CERTIFIED TO

| LEFT FEET | RIGHT FEET |
|---|---|
| 20,000 | |
| S/N: 5CJ26 | S/N: |
| DATE: 9-18-2013 W/O 6365 | INSPECTOR: Richard Ellington |

FAR 91.413

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

| | | | |
|---|---|---|---|
| TRANSPONDER #1 | MAKE: King | MODEL: KT70 | S/N: 10789 |
| TRANSPONDER #2 | MAKE: | MODEL: | S/N: |
| DATE: 9-18-2013 | WO: 6365 | INSPECTOR: Richard Ellington | |

CAROLINA AVIONICS GROUP, LLC
FAA APPROVED REPAIR STATION # QCCR-389K

**THIS IS YOUR BILL!**

LOCATION AWAY FROM HOME BASE Oxford

# Carolina Avionics Group, LLC

3650 AIRPORT LOOP RD., SALISBURY, N.C. 28147

Phone: 704-630-0211 FAA Approved Repair Station QCCR-389K Fax: 704-630-0016

SHOP ORDER 7178

NAME Curry Aviation

ADDRESS 100 Autumngate dr.

CITY Cary NC 27518

WORK PHONE ( )
HOME PHONE ( )

**THIS DOCUMENT MUST BE RETAINED. IT IS PART OF YOUR PERMANENT AIRCRAFT RECORDS.**

DATE RECEIVED 9-30-15

DATE COMPLETED 9-30-15

DATE PAID 9-30-15

PAID BY

CASH ✓

CHECK

OTHER

| | MAKE | MODEL | SERIAL NUMBER | LICENSE NUMBER |
|---|---|---|---|---|
| AIRCRAFT | American General | AG5B | 10057 | N45412 |
| RADIO | | | | |
| RADIO | | | | |
| RADIO | | | | |
| RADIO | Transponder | KT70 | 10789 | |

HIDDEN DAMAGE NA

PREINSPECTION ok RK

| OPERATION NUMBER | INSTRUCTIONS | MECH. | INSP. | AMOUNT CHARGED | |
|---|---|---|---|---|---|
| 1 | Tested per requirements of FAR 91.413 | K | K | 150 | 00 |

I hereby authorize repair work to be done as described above including all labor at your regular rates and installation of necessary parts to be listed at your regular prices. I further agree to pay cash on delivery of airplane unless otherwise agreed in advance, in which case balance due within 10 days of the date of delivery with interest to accrue at 18% per annum thereafter. Until paid in full, I hereby grant to Carolina Avionics Group, LLC a security interest, with all the rights and remedies as provided by law, in the collateral described or referred to above in order to secure the payment of all sums now due or which may become due for all repair work done, including necessary parts, along with reasonable attorneys' fees as provided by law if my account is referred by you to an attorney for collection. I further agree that you will not be held responsible for airplane or articles left in airplane in case of fire, theft, accident or other causes beyond your control. My airplane may be flown by your employees for flight tests at my own risk.

SIGNED _____ DATE _____

The aircraft and/or component above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

DATE 9-30-2015

Signed Richard Ellington
(Signature of Authorized Individual)

FORM 120

| | |
|---|---|
| TOTAL LABOR | |
| TOTAL EQUIPMENT | |
| TOTAL PARTS | |
| TOTAL OUTSIDE WORK | |
| TOTAL WARRANTY | |
| TOTAL SHIPPING | |
| TAX | |
| TOTAL | 150 00 |

SPARKCHASERS AIRCRAFT SERVICES. INC
JOHNSTON COUNTY AIRPORT
3223-C SWIFT CREEK RD
SMITHFIELD, NC 27577
FAA CRS# XSPR699K

| Date | Invoice / WO# |
|---|---|
| 9/2/2009 | 99797 |

919-934-1654 [redacted]@mindspring.com

Sold To:

Don Curry
100 Autumngate Dr.
Cary NC 27518

| P.O. No. | Terms |
|---|---|
| N45412 | Due on receipt |

| Item | Quantity | Description | Rate | Amount |
|---|---|---|---|---|
| Labor | 1 | Correlate KT 70 sn: 10789 | 80.00 | 80.00 |
| | | NC Sales Tax | 7.75% | 0.00 |

| Resale Tax # | |
|---|---|

| | |
|---|---|
| **Total** | $80.00 |
| **Payments/Credits** | $-80.00 |
| **Balance Due** | $0.00 |

Pd OK

**SPARKCHASERS** Aircraft Services, Inc.
Johnston County Airport (KJNX)
3223-C Swift Creek Road • Smithfield, NC 27577
FAA CRS# XSPR699K
Phone: (919) 934-1654
Email: sparkchasers@mindspring.com

DATE: SEP 2, 2009

WORK ORDER: 099797

NAME: DON CURRY
100 AUTUMNGATE DR
CARY, NC 27518

ADDRESS:

CITY STATE ZIP

OFFICE NO.

HOME NO. 919-387-2299

CELL NO.

FAX NO.

EMAIL ADDRESS: don.curry@inbox.com

REGISTRATION NO. N45412

MAKE & MODEL AG5B

A/C SERIAL NO. 10059

TACH/HOBBS 2448.7

DISCREPANCIES:

COLLINS KT 70 S/ 10789

**PRELIMINARY INSPECTION:**

VISUAL OK

**CORRECTIVE ACTION TAKEN:** PERFORMED CORRELATION BETWEEN ENCODER AND KING KT-70 TRANSPONDER SN: 10789 IAW FAR PART 91.215. NO DEFECTS NOTED

| | LABOR | TECH | INSP |
|---|---|---|---|
| | 70 | BCW | BCW |
| | .5 | BCW | |

I authorize the above work to be done along with the necessary materials. You and your employees may operate this aircraft for purposes of testing, inspection or delivery. A mechanics lien on this aircraft is acknowledged to secure the amount of repairs thereto.
I understand payment is required upon completion of the work and a finance charge of 1.5% per month will be added to all invoices past due over 30 days.
Customer Signature _____

The aircraft and/or component(s) mentioned above have been repaired or inspected in accordance with the current Federal Aviation Regulations and found airworthy for return to service. Pertinent details of the repair are on file at this agency under this work order.

Signed _____ for
**SPARKCHASERS** Aircraft Services, Inc. ☐ CRS: XSPR699K

| 1. Approving Civil Aviation Authority/Country: | 2. | 3. Form Tracking Number: |
|---|---|---|
| FAA/United States | **AUTHORIZED RELEASE CERTIFICATE**<br>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | 03/13/2014 1:34 PM |

| 4. Organization Name and Address: | 5. Work Order/Contract/Invoice Number: |
|---|---|
| Marvel- Schebler Aircraft Carburetors, LLC 125 Piedmont Avenue Gibsonville, NC 27249 CRS V24R156B | 00978 |

| 6. Item: | 7. Description: | 8. Part Number: | 9. Quantity: | 10. Serial Number: | 11. Status/Work: |
|---|---|---|---|---|---|
| 1 | HA-6 | 10-5219 | 1 | DL41280 | REPAIRED |

12. Remarks:

THIS ASSEMBLY WAS REPAIRED AND TESTED IAW MARVEL-SCHEBLER AIRCRAFT CARBURETORS, LLC SPECIFICATIONS. COMPLETE DETAILS HELD ON FILE IN REFERENCE JOB ORDER ABOVE. APPLICABLE SERVICE BULLETINS AND AIRWORTHINESS DIRECTIVES HAVE BEEN COMPLIED WITH AS OF THIS DATE. ASSEMBLY PRESERVED FOR SHORT TERM STORAGE.

| 13a. Certifies the items identified above were manufactured in conformity to:<br>☐ Approved design data and are in a condition for safe operation.<br>☐ Non-approved design data specified in Block 12 | | 14a. ☑ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12<br>Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. | |
|---|---|---|---|
| 13b. Authorized Signature: | 13c. Approval/Authorization No.: | 14b. Authorized Signature: | 14c. Approval/Certificate No.:<br>V24R156B |
| 13d. Name (Typed or Printed): | 13e. Date (dd/mmm/yyyy): | 14d. Name (Typed or Printed):<br>Mark Keeney, Jr. | 14e. Date (dd/mmm/yyyy):<br>13/Mar/2014 |

## User/Installer Responsibilities

**It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.**

**Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.**

**Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.**

| 1. Approving National Aviation Authority/Country: | 2. AUTHORIZED RELEASE CERTIFICATE<br>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | 3. Form Tracking Number: |
|---|---|---|
| FAA/UNITED STATES | | 156022 |
| 4. Organization Name and Address<br>Rapco, Inc., 445 Cardinal Lane, Hartland, WI 53029 (NE5R064N) | | 5.WorkOrder/Contract/Invoice Number:<br>156022 |

| 6. Item: | 7. Description: | 8. Part Number | 9. Eligibility:* | 10. Quantity | 11. Serial/Batch Number: | 12. Status/Work: |
|---|---|---|---|---|---|---|
| 1 | Vacuum Pump | 215CC | N/A | 1 | 156022 | OVERHAULED |

13. Remarks:
The above item has been overhauled in accordance with FAA approved process specification #203-6-1009 Revision 8 Dated February 19th, 2013.
This certifies that the work specified in block 12/ 13 was carried out in accordance with EASA Part 145 and with respect to that work the component is considered ready for release to service under EASA part 145 approval number "EASA.145.4802"

| 14. Certifies that items identified above were manufactured in conformity to: | 19. [X] 14 CFR 43.9 Return to service [X] Other regulation specified in Block 13 |
|---|---|
| [ ] Approved design data and are in a condition for safe operation.<br>[ ] Non-approved design data specified in Block 13. | Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. |

| 15. Authorized Signature: | 16. Approval/Authorization No.: | 20. Authorized Signature | 21. Approval/Certificate No.:<br>NE5R064N |
|---|---|---|---|
| 17.Name (Typed or printed): | 18.Date (m/d/y): | 22.Name (Typed or Printed):<br>JENNIFER L. ORGAS | 23.Date (m/d/y):<br>Aug 23, 2013 |

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different that the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures the his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



*installer must cross-check eligibility with applicable technical data.

# CUSTOMER WARRANTY RECORD

Owner

Name DON CURRY

Company CURRY AVIATION LLC

Address 100 AUTUMNBARE DR

City CARY St NC Zip 27518

**IMPORTANT!**
This card must be completed and returned for warranty consideration

*Aircraft*

Make AMERICAN GENERAL

Model AG5B

Registration N45412

Tach Time On 24758 Hrs.

Tach Time Off _____ Hrs.

*Unit Installed*

215CC

Part No. _____

Serial No. 156022

Date of Manufacture AUG 23 2013

Date Installed 22 OCT 2013

Date Removed _____

Purchased From AIRCRAFT SPRUCE

## CORE EXCHANGE POLICY

CORE EXCHANGE

Cores must be complete AS REMOVED carburetors and must be accompanied by a core return tag within 30 days of your exchange purchase. Late return of cores may result in a reduction of your core refund. The model number / serial number identification plate must be attached to the core. Cores returned without a core return tag or identification plate may be returned to the customer at the customer's expense. If you have lost the core return tag please contact us prior to returning the core. Below are listed charges for missing or damaged parts.

| | Chg | Description | | Chg | Description |
|---|---|---|---|---|---|
| | 30% | MA™ Throttle Body | | 30% | MA™ Bowl Assembly |
| | 80% | HA-6™ Body / Bowl | | 10% | HA-6™ Cover |
| | 10% | Fuel Inlet / Strainer | | 10% | Throttle Arm |
| | 10% | Mixture Arm | | 10% | Nozzle |
| | 15% | Float | | 10% | Idle Tube |

MARVEL SCHEBLER®

Marvel Schebler Aircraft Carburetors LLC
125 Piedmont Avenue
Gibsonville, N.C. 27249, USA
Ph:336-446-0002 // Fax: 336-446-0007
customerservice @msacarbs.com
FAA Repair Station #V24R168B

GEN2011 051811

| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries) |
|---|---|---|---|---|
| 22 Oct 2013 | 2479.9 | | | installed new ELT Battery ACFT Due Dec 201<br>installed OVerhauled VAC pump & Gaylords<br>Rapco 215CC WO 156022 SN 156027 from<br>Rapco N E5R064N. Aircraft was Ground<br>tested and VAC system operated correctly<br>Michael Hammill A/P 3496521 |
| 3/21/14 | 2482.0 | | | INSTALLED THIS CARBURETOR AFTER REPAIR<br>& REINSTALLED WITH NEW GASKETS PRIMED CARB<br>AND CHECKED FOR LEAKS TEST RAN ENGINE RE GROUND OPS<br>IDLE & MIXTURE ADJUSTMENTS ALL OPS SATISFIED<br>TEST FLEW P/C ALL REL OPS SATISFACTORY<br>Michael C Kellogg<br>A/P 3563087 |

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 9 May | 2493.0 | | | 9 May 2014 N45412 AG5B Sn. 10059 Tach 2493.0 ACTT 4793.0 Performed airframe inspection IAW General Aviation list. ELT Battery Due Dec 2015 See AD List 2014. I certify that this aircraft was inspected IAW an annual inspection and was determined to be in Airworthy Condition. --- END--- Michael Hammill IA 3496529 |
| 1 June | 2518.9 | | | 1 June 2015 N45412 AG5B Sn. 10059 Tach 2518.9 ACTT 4818.9 Performed airframe inspection IAW General Aviation list. Adjusted Elevator cable tension and trim, and Aileron cable tension. Replaced Voltage regulator. ELT Battery Due Dec 2015 See AD List 2015. I certify that this aircraft was inspected IAW an annual inspection and was determined to be in Airworthy Condition. --- END--- Michael Hammill IA 3496529 |

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| DATE 19___ | RECORDING TACH TIME | TODAYS | TOTAL | Description of Inspections, Tests, Repairs and Alterations (Certificate Number of or other specific entries.) |
|---|---|---|---|---|

FAR 91.413
THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

| | | | |
|---|---|---|---|
| TRANSPONDER #1 | MAKE: King | MODEL: KT70 | S/N: 10789 |
| TRANSPONDER #2 | MAKE: | MODEL: | S/N: |
| DATE: 9-30-2015 | WO: 7178 | INSPECTOR: Richard Ellington | |

CAROLINA AVIONICS GROUP, LLC
N454R FAA APPROVED REPAIR STATION # QCCR-389K

24 Mar 2016 N45412 AG5B Tach. 2522.7
Replaced all brake flex lines left, right, pilot and copilot. Repacked pilot master cylinders copilot slave cylinders and both brake calipers. Flushed entire brake system and serviced with 5606 fluid. Taxied aircraft and ground tested brakes no defects were found.
Michael Hammill A&P 3496529

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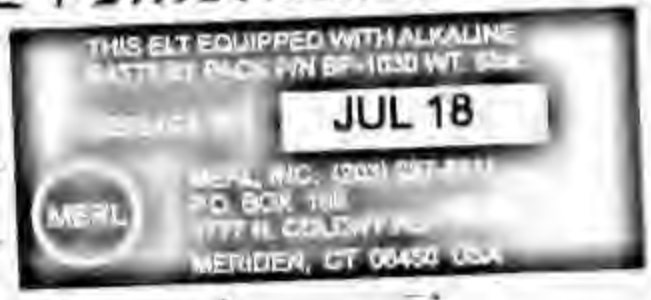
| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| 10 MAY 2016 | TT 4822.7 | | | INSTALLED NEW CONCORDE RG24-15M AIRCRAFT BATTERY IAW GULFSTREAM AEROSPACE CORP MAINT MAN CHAP 24 PG 203 AND CONCORDE INSTALLATION INSTRUCTIONS. OPS CHECK SATISFACTORY A Curry, AP, 2779315 |




Installed Fresh battery in ELT IAW Michael Hammill A/P 3496529 20 June 16

2523.2 4823.2

1 July 2016 N45412 AG5B Sn. 10059 Tach ~~2493.0~~ ACTT ~~4793.0~~ Performed airframe inspection IAW General Aviation list. Replaced ELT battery Due July 2018 See AD List 2014. Installed UBG16 engine analyzer. Installed Gizmo mount for Area 560 GPS and tied audio into the audio system for cell phone and music through a selector switch in right radio rack and added audio for tablet on pilots side. Enabled aux audio through the 7300 CD/AM/FM player. Tied Area 560 GPS to GNS400 GPS for data on the 560. I certify that this aircraft was inspected IAW an annual inspection and was determined to be in Airworthy Condition. --- END
Michael Hammill IA 3496529

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| DATE 19____ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|

**FAR 91.413**
**THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F. AND APPENDIX E PARAGRAPH C.**

| | | | |
|---|---|---|---|
| TRANSPONDER #1 | MAKE: King | MODEL: KT70 | S/N: 10789 |
| TRANSPONDER #2 | MAKE: | MODEL: | S/N: |
| DATE: 9-13-2017 | WO: 8051 | INSPECTOR: Richard Ellington | |

*CAROLINA AVIONICS GROUP, LLC*
**FAA APPROVED REPAIR STATION # QCCR-389K**

9 Sep 2017 N45412 AG5B Sn. 10059 Tach 2527.7 ACTT 4827.7 Performed airframe inspection IAW General Aviation list. Replaced ELT battery Due July 2018 See AD List 2017. I certify that this aircraft was inspected IAW an annual inspection and was determined to be in Airworthy Condition. --- END---
Michael Hammill IA 3496529

Air Frame

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ORDER NO.

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | **Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.) |
|---|---|---|---|---|
| | | | | 9 Aug 2018 N45412 AG5B Sn. 10059 Tach 2530.0 ACTT 4830.0 Performed airframe inspection IAW General Aviation list. Replaced ELT battery Due July 2020 See AD List 2018. I certify that this aircraft was inspected IAW an annual inspection and was determined to be in Airworthy Condition. — END--- Michael Hammill IA 3496529 |
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5 Jan 2019 N45412 AG5B Sn. 10059 Tach 2534.5 ACTT 4834.5 Performed airframe inspection IAW General Aviation list. See AD List 2018. Installed S-Tec 30 autopilot and GPSS IAW STC SA09360AC-D. Rigged all flight controls with factory jigs. Installed noise filter to voltage regulator. Removed Turn Coordinator. Weight and balance was revised. I certify that this aircraft was inspected IAW an annual inspection and was determined to be in Airworthy Condition. --- END---
Michael Hammill IA 3496529

**THIS IS YOUR BILL!**

LOCATION AWAY FROM HOME BASE Oxford

# Carolina Avionics Group, LLC

3650 AIRPORT LOOP RD., SALISBURY, N.C. 28147

Phone: 704-630-0211 FAA Approved Repair Station QCCR-389K Fax: 704-630-0016

SHOP ORDER 8051

NAME Don Curry

ADDRESS 1301 old Regent dr

CITY Fuquay Varina NC

**THIS DOCUMENT MUST BE RETAINED IT IS PART OF YOUR PERMANENT AIRCRAFT RECORDS.**

WORK PHONE ( )
HOME PHONE ( )

DATE RECEIVED 8-13-17
DATE COMPLETED 8-13-17
DATE PAID 8-13-17

| | MAKE | MODEL | SERIAL NUMBER | LICENSE NUMBER |
|---|---|---|---|---|
| AIRCRAFT | American General | AG5B | 10059 | N45412 |
| RADIO | | | | |
| RADIO | | | | |
| RADIO | | | | |
| RADIO | Transponder | KT70 | 10789 | |

PAID BY: CASH ✓ CHECK OTHER

PREINSPECTION OK FL

HIDDEN DAMAGE NA

| OPERATION NUMBER | INSTRUCTIONS | MECH. | INSP. | AMOUNT CHARGED | |
|---|---|---|---|---|---|
| (1) | Tested per requirements of FAR 91.413 | FL | FL | 150 | 00 |

I hereby authorize repair work to be done as described above including all labor at your regular rates and installation of necessary parts to be listed at your regular prices. I further agree to pay cash on delivery of airplane unless otherwise agreed in advance, in which case balance due within 10 days of the date of delivery with interest to accrue at 18% per annum thereafter. Until paid in full, I hereby grant to Carolina Avionics Group, LLC a security interest, with all the rights and remedies as provided by law, in the collateral described or referred to above in order to secure the payment of all sums now due or which may become due for all repair work done, including necessary parts, along with reasonable attorneys' fees as provided by law if my account is referred by you to an attorney for collection. I further agree that you will not be held responsible for airplane or articles left in airplane in case of fire, theft, accident or other causes beyond your control. My airplane may be flown by your employees for flight tests at my own risk.

The aircraft and/or component above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

DATE 8-13-2017

Signed Richard Ellington
(Signature of Authorized Individual)

FORM 120

| | | |
|---|---|---|
| TOTAL LABOR | | |
| TOTAL EQUIPMENT | | |
| TOTAL PARTS | | |
| TOTAL OUTSIDE WORK | | |
| TOTAL WARRANTY | | |
| TOTAL SHIPPING | | |
| TAX | | |
| TOTAL | 150 | 00 |