

**FAA FORM 8130-3
AIRWORTHINESS APPROVAL TAG**
US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

3. SYSTEM TRACKING REF. NO.

B100682

4. ORGANIZATION

ELECTROSYSTEMS, INC.
P.O. BOX 273
AIRPORT COMPLEX
FORT DEPOSIT, AL 36032

5. WORK ORDER, CONTRACT, OR
INVOICE NO.

W/O: M747970

| 6. ITEM | 7. DESCRIPTION | 8. PART NO. | 9. ELIGIBILITY* | 10. QTY | 11. SERIAL/BATCH NO. | 12. STATUS/WORK |
|---------|-----------------------------------|----------------------|------------------------------|---------|----------------------|-----------------|
| 1 | ALTERNATOR ***** END ***** | DOFF10300B MOD/NO | TBV BY INSTALLER ***** | 1 | B100682 | OVERHAUL |

13. REMARKS

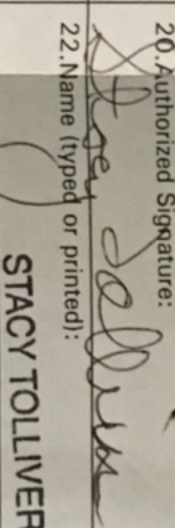
A COPY OF WORK ORDER AVAILABLE ON REQUEST FROM ELECTROSYSTEMS, INC.
CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH JAR 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER JAA ACCEPTANCE CERTIFICATE NUMBER: JAA 4418 APPROVED FOR EXPORT
THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINES IDENTIFIED AS MOD/NO AND ORIG. MFG. COMPLEES WITH PPS-9001 LATEST REVISION
NOTE: THE FAA-PMA SHOWN ON THE DATA PLATE ONLY REPRESENTS FAA APPROVAL OF THE REPLACEMENT DATA PLATE OVERHAULED PER CESSNA MANUAL # D5107-1-13, REV 1.

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

| 14. NEW | 19. |
|------------------|---|
| NEWLY OVERHAULED | Return to Service in Accordance with FAR 43.9 <input checked="" type="checkbox"/> |

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.

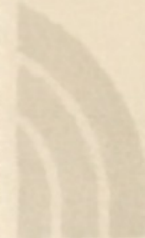
| | | | |
|-----------------------------|---------------------------|--|-------------------------|
| 15. SIGNATURE: | 16. FAA Authorization No: | 20. Authorized Signature: | 21. Certificate Number: |
| | |  | UT2R226L |
| 17. NAME (typed or printed) | 18. DATE | 22. Name (typed or printed): | 23. DATE |
| | | STACY TOLLIVER | 10/05/01 |

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 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.
FAA Form 8130-3 *Optional. Installer must cross check eligibility with applicable technical data. * ESI CODE: 00318

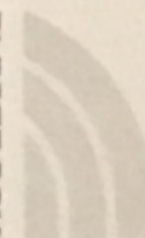

ELECTROSYSTEMS, INC. Airport Complex
P. O. Box 273
Fort Deposit, Alabama 36032 USA
334/227-8306
FAX 334-227-8596

WARRANTY DATA CARD

The following information must be supplied when requesting warranty consideration.

| | | |
|----------------------|--------------------|-----------|
| MFR _____ | P/N _____ | S/N _____ |
| DATE INSTALLED _____ | DATE REMOVED _____ | |
| _____ | _____ | _____ |
| TACH TIME _____ | TACH TIME _____ | |
| OWNERS NAME _____ | | |
| ADDRESS _____ | | |
| _____ | | |

RETAIN THIS CARD WITH AIRCRAFT LOG BOOKS


ELECTROSYSTEMS, INC. Airport Complex
P. O. Box 273
Fort Deposit, Alabama 36032 USA
334/227-8306
FAX 334-227-8596

WARRANTY REGISTRATION

| | | | | |
|--|-------------|-----------|--------------------|------------|
| MFR _____ | P/N _____ | MO. _____ | DAY _____ | YEAR _____ |
| AIRCRAFT TYPE / REGISTRATION NO. <u>DOFF F10300B</u> <u>B1006682</u> | | | | |
| TACH TIME <u>2321.9</u> MECHANIC'S NAME _____ | | | | |
| INSTALLING AGENCY _____ | | | | |
| CITY _____ | STATE _____ | ZIP _____ | PHONE NUMBER _____ | |
| AIRCRAFT OWNERS NAME _____ | | | | |
| STREET ADDRESS _____ | | | | |
| CITY _____ | STATE _____ | ZIP _____ | PHONE NUMBER _____ | |
| STREET ADDRESS _____ | | | | |

THIS REGISTRATION CARD MUST BE MAILED WITHIN 5 DAYS OF INSTALLATION TO VALIDATE WARRANTY OF UNIT.

Gibbs SERVICE CENTER, Inc.

3717 JOHN J. MONTGOMERY DR.
SAN DIEGO, CALIFORNIA 92123
PHONE 619-277-3311

R.S. # VT3R931L

Robert Mantin
19 Seacrest Dr.
Huntington NY. 11743

Cessna R182

S/N R18200616

Reg. N4873R

A/C TT 1802.1 Hrs. 4-30-91

Eng. Mod. 0-540-J3C5D

S/N L-20534-40A

TTSN 1802.1 Hrs.

Ref. W.O. 13756 Cont.

11. Right rear muffler support mount broken. Installed new right rear muffler support.
12. Left rear muffler support mount worn. Installed new left rear muffler support.
13. Left carburetor heat shroud screws and nuts rusted. Installed new screws in carburetor heat shroud.
14. All rocker cover gaskets leaking. Removed rocker cover gaskets. Checked valve mechanism as recommended by Lycoming and installed 6 new rocker cover gaskets.
15. Rivet sheared on right center nose gear door bracket on lower cowl. Installed rivet on right center nose gear door bracket.
16. Pilots and co-pilots seat roller side plates worn. Fabricated and installed all new pilots and co-pilots seat roller side plates.
17. Pilots and co-pilots seat have several loose roll pins. Reinstalled and safe tied loose pilots and co-pilots seat roll pins.
18. Pilots and co-pilots seat have loose cotter pins. Installed new cotter pins in seat adjustment mechanism.
19. Left cowl chaffing on lower edge. Cleaned and installed anti chaffe tape.
20. Right elevator ground strap frayed. Installed new right outboard elevator ground strap.
21. Top rudder static discharge wick broken. Installed new top rudder static discharge wick.
22. Elevator system out of rig. Adjusted elevator control system as per Maint. Manual.
23. Elevator trim cable tension low. Adjusted elevator trim cables as per Maint. Manual.
24. #2 instrument panel eyebrow lights inoperative. Installed 2 new instrument panel eyebrow lights.
25. Improper pilots operating handbook in aircraft. Installed proper pilots operating handbook.
26. Dome light inoperative. Cleaned contacts on overhead dome light.
27. Altimeter and static check due. Altimeter and static check performed by Avionics Shop.
28. Transponder check due. Transponder check performed by Avionics Shop.
29. Nose gear steering pivot bolts loose. Tightened nose gear steering pivot bolts.
30. Nose gear axle nut is incorrect type. Installed castellated nut with cotter pin on axle bolt.
31. Main gear tires wearing on outboard sides. Rotated tires on main wheels, packed wheel bearings.
32. Right brake caliper leaking. Removed, cleaned, installed new o'rings, & reinstalled right brake caliper.
33. Diode broken on landing gear motor. Installed new diode on landing gear motor. Funct. check Ok.
34. AD87-20-03R2 due on seats and tracks. C/W AD87-20-03R2 by insp. seats and tracks as per paragraphs (c) (a) (1 through 7). Checks Ok. AD87-20-03R2 next due at Annual. Inspection. Ref to #16, 17, 18.

Gibbs SERVICE CENTER, Inc.

3717 JOHN J. MONTGOMERY DR.
SAN DIEGO, CALIFORNIA 92123
PHONE 619-277-3311

R.S. # VT3R931L

Robert Mantin
19 Seacrest Dr.
Huntington, NY 11743

Cessna R 182 S/N R18200616 Reg. N4873R A/C TT 1802.1 Hrs. 4-30-91
Eng. Mod 0-540-J3C5D
S/N L-20534-40A
TTSN 1802.1 Hrs.

Ref. W.O. 13756 Continue

35. AD84-26-02 Due on engine air filter. C/W AD84-26-02 Amend 39-4966 by installing new air filter. AD84-26-02 next due at 500 hours time in service.
36. AD76-07-12 Due on ignition switch. C/W AD76-07-12 Amend 39-3024 by insp. and performing operational check of ignition switch, as per paragraphs (1) (a) (b) (c). Check Ok. AD76-07-12 next due 100 hours time in service.
37. 1 spark plug bad. Installed 1 new spark plug.
38. L/MLG brake housing rubbing on wheel well with gear in up position. This causes piston in brake to retract with no braking action until pedal is pumped to reposition pistons. Determined exact location of rubbing. Reformed L/wheel well cover using localized heating to allow correct clearance. Funct check Ok. No further contact.
39. Clean Aircraft & wash. A/C cleaned & washed by Aircraft Cleaning. N/C
40. Install chaffe straps on cowl door. Installed strips as required.

-----END OF ANNUAL-----



Orders 1-800-344-4539

Fax 218-681-3380

www.digikey.com

Invoice # 22053056

701 Brooks Ave. South, P.O. Box 677, Thief River Falls, MN 56701-0677 USA

22053056

Sold To:

STEVEN R TROOP
STEVE'S TECH SERV
7151 SW 15 ST
PEMBROKE PINES FL 33023-0000

CUSTOMER 2697578

Bill To:

STEVEN R TROOP
STEVE'S TECH SERV
7151 SW 15 ST
PEMBROKE PINES FL 33023-0000

| | | |
|---|-----------------------------|--------------------------|
| Terms Visa | Invoice Date 22-DEC-2006 | Page 1 |
| Customer Purchase Order STEVE | | Sales Order 18823087 |
| Back Orders Accepts to 21-JAN-2007 | | Account 433520 |
| Entered By / Date A120/22-DEC-2006 | Shipped Via UID | Ship Date 22-DEC-2006 |
| Easy to Remember: 1-800-DIGI-KEY | | |

| | | | | | | | |
|---------------------|-------------------|------------------------------|-------------------|----------------------|--------------------|------------------------------|---------------------------|
| For Office Use Only | Received PHONE | Prev Sales Order 17903320 | Prev Invoice 0 | Billing BILL SHIP | Pack List No. 1 | Printing Date 24-DEC-2006 | Currency Type: U.S. \$ |
|---------------------|-------------------|------------------------------|-------------------|----------------------|--------------------|------------------------------|---------------------------|

| Idx | Box | Ordered | Cancelled | Shipped | Item Number/Description | Back Order | Unit Price US \$ | Amount US \$ |
|-----|-----|---------|-----------|---------|---|--|---------------------|-----------------|
| 1 | 1 | 2 | 0 | 2 | LM380N-ND IC AMP AUDIO POWER 2.5W 14-DIP LEAD: LEAD FREE ROHS: ROHS COMP | | 1.58000 | 3.16 T |
| | | | | | BOX 1 SHIPPED UID WEIGHT 0 LBS 7 OZS SHIPPING FEE | | 33.01 | |
| | | | | | BOX ID 125674324409732882 SATURDAY DELIVERY FEE | | 12.50 | |
| | | | | | TOTAL BOX COST | | 45.51 | |
| | | | | | TOTAL INVOICED | | | 3.16 |
| | | | | | HANDLING CHARGES | | | 5.00 T |
| | | | | | SHIPPING CHARGES APPLIED | | | 45.51 |
| | | | | | ** CHARGES SUBTOTAL ** | | | 53.67 |
| | | | | | SALES TAX | | | .49 |
| | | | | | (T INDICATES TAXABLE AMOUNTS) | | | |
| | | | | | TOTAL CHARGED TO CREDIT CARD | | | 54.16 |
| | | | | | | | | U.S. \$\$ |
| | | | | | YOUR CREDIT CARD HAS BEEN CHARGED THE ABOVE INDICATED AMOUNT THE ORDER IS COMPLETE | | | |
| | | | | | REF #: SA # 18823087 | | | |
| | | | | | Ship To: | STEVE'S TECH SERV 7151 SW 15 ST PEMBROKE PINES FL 33023-0000 | | |
| | | | | | Shipping - | MARK FOR SATURDAY DELIVERY | | |
| | | | | | General - | CONFIRMING NOT REQUIRED. VERIFIED BILL TO AND SHIP TO ADDRESSES STEVEN TROOP IS AWARE OF \$12.50 SATURDAY DELIVERY FEE PER BOX. VERIFIED SATURDAY DELIVERY AVAILABILITY WITH ALZU. STEVEN TROOP IS AWARE OF \$5 HANDLING FEE ON ORDERS UNDER \$25. | | |

Claims for pricing errors, shortages, and defective product must be reported within 30 days of invoice date.

Contact Customer Service at 1-800-858-3616

DUNS No: 05 760 2120 FEI No: 41-1234968 Any applicable sales tax not collected on this invoice is the responsibility of the customer.

TERMS:

I HEREBY AUTHORIZE THE ABOVE REPAIR WORK TO BE DONE ALONG WITH THE NECESSARY MATERIAL AND HEREBY GRANT YOU AND/OR YOUR EMPLOYEES PERMISSION TO OPERATE THE AIRPLANE HEREIN DESCRIBED FOR THE PURPOSE OF TESTING AND/OR INSPECTION. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE AIRPLANE TO SECURE THE AMOUNT OF REPAIRS THERETO.

SIGNED _____
 ALL TERMS STRICTLY CASH OR CREDIT CARD. SERVICE SUBJECT TO N. Y. STATE SALES TAX AND 5% AIRPORT TAX.

CASH
 AM. EXP.
 DINNERS
 MASTER CH.
 BANK AM.
 INTERCO
 CHG.



OF LONG ISLAND
 Republic Airport, Farmingdale, New York
 (516) 752-9022

NAME: DMR ASSOC./MALOVA CORP. C/O ROBERT MANTIN
 ADDRESS: 14 SEACREST DRIVE

CITY & STATE: HUNTINGTON, N.Y. 11743

MAKE-MODEL: CESSNA 182RG
 YEAR: 1979
 SERIAL NO.: R182-00616

RECEIVED: N-4873R
 ACCOUNTING: PHONE WHEN READY YES NO
 WRITTEN BY:

11208

DATE: 1 / 18 / 85

LABOR CHARGE
 CHANGE OIL
 CHANGE OIL FILTER CART.
 INSPECTIONS: 25-50-75 HOUR
 100 HOUR
 ANNUAL 525 00
 WASH
 POLISH

| QUAN. | PART NUMBER | DESCRIPTION | PRICE | TOTAL |
|-------|-------------|--------------------------|-------|-----------|
| 8 | | QTS. OIL 20-50-PHILLIPS | 2 85 | 22 80 |
| | | SOLVENT VARSOL/DEGREASER | | 7 00 |
| 1 | | OIL SAMPLE KIT | | 19 95 |
| 1 | D9-18-1 | FILTER | | 20 25 |
| 1 | CH48105 | FILTER | | 13 00 |
| 1 | B3-5-1 | FILTER | | 2 25 |
| 1 | 71973 | GASKET | | 1 20 |
| 1 | 313 | LAMP | | 1 23 |
| 1 | 356 | LAMP | | 2 57 |
| 2 | LM29710 | RACES | 7 50 | 15 00 |
| 2 | LM29749 | BEARINGS | 15 35 | 30 70 |
| 1 | 00-60-62 | ELI BATTERY | | 45 00 |
| 1 | 52334-4 | CHT PROBE | | 46 79 |
| 12 | HSR83P | SPARK PLUGS | 32 00 | 384 00 |
| 1 | 72306 | ENGINE MOUNT EAR | | 96 95 |
| | | TOTAL PARTS (A) | | \$ 708 69 |

| DESCRIPTION | LABOR CHARGE |
|--|--------------|
| 1. REMOVED ELI, CHECKED DATE & REPLACED W/NEW BATTERY & OPS CHECKED-0.K. | |
| 2. REPLACED DOME LIGHT & TRIM WHEEL LIGHT | |
| 3. TIGHTENED FUEL PRIMER LINE FITTING INSIDE FIREWALL | |
| 4. REPLACED L/H WHEEL BEARINGS & RACES & GREASED | |
| 5. REPAIRED BROKEN WIRE ON THROTTLE MICRO SWITCH | |
| 6. REPLACED TOP R/H ENG. MOUNT EAR, TORQUED & SAFETIED | |
| 7. REPLACED #6 INTAKE GASKET | |
| 8. REPLACED CHT PROBE | |
| ADDITIONAL LABOR FOR WORK PERFORMED AT L.I. MACARTHUR AIRPORT: | |
| TOTAL REWORK 5.0 | 165 00 |
| TOTAL LABOR (C) | \$ 954 00 |

| DESCRIPTION | PRICE | TOTAL |
|------------------------|-------|------------|
| OUTSIDE WORK | | |
| TOTAL OUTSIDE WORK (B) | | \$ 1662 69 |

| WARRANTY | INVOICE TOTALS |
|--------------|-----------------------------------|
| MATERIALS | (A) \$ 708 69 |
| OUTSIDE WORK | (B) 954 00 |
| LABOR | (C) 1662 69 |
| TOTAL | \$ 2325 38 |
| CLAIM NUMBER | SUB TOTAL \$ 1662 69 |
| | SALES TAX RESALE CERT.#11-2422463 |
| | AIRPORT TAX |
| | FINAL TOTAL \$ 1662 69 |

SERVICE ORDER

CUSTOMER COPY



605 SW 77 Way. Hgr #1 Pembroke Pines, FL 33023
 Tel 954-983-1151 Fax 954-983-1157

Make/Model CESSNA 182RG
 Registration # N14873R
 Serial # R18200616
 Tach _____ Hobbs _____
 Date _____

DISCREPANCY

CORRECTION

| ITEM # | DATE | ITEM # | DATE | INITIAL |
|---------------------------|------|------------------------------|------|---------|
| BATTERY FLAT No Load 17V | | BATTERY SERVICE + CHARGED | | J.J. |
| MASTER ON 12.V. ALL CELLS | | BATTERY NOT FULL CAPACITY | | TIME |
| DRY BELOW PLATE LEVEL | | IN PART ON ORDER. ACCEPTABLE | | 0 |
| P/N Off: _____ | | S/N Off: FOR SERVICE AT THIS | | |
| P/N On: _____ | | S/N On: 4TIME | | |

| ITEM # | DATE | ITEM # | DATE | INITIAL |
|----------------------------|------|---|------|---------|
| BATTERY GROUND WIRE | | Cleaned battery terminals with and | | DW |
| TERMINAL CORRODED | | Battery box with baking soda and | | TIME |
| Battery box also corroded. | | water. | | .25 |
| P/N Off: _____ | | S/N Off: _____ | | |
| P/N On: _____ | | S/N On: _____ | | |

| ITEM # | DATE | ITEM # | DATE | INITIAL |
|--------------------|------|----------------------------------|------|---------|
| E.L.T Battery Due. | | Removed and replaced ELT battery | | DW |
| | | PN BP 1020. | | TIME |
| | | FAR 91-207 (d) | | .5 |
| P/N Off: _____ | | S/N Off: _____ | | |
| P/N On: _____ | | S/N On: _____ | | |

| ITEM # | DATE | ITEM # | DATE | INITIAL |
|--|------|---------------------|------|---------|
| Rear RH side pannel anchor | | Installed 3 #8 nuts | | DW |
| nut has several broken anchor | | | | TIME |
| nuts. | | | | .25 |
| P/N Off: _____ | | S/N Off: _____ | | |
| P/N On: _____ | | S/N On: _____ | | |

| ITEM # | DATE | ITEM # | DATE | INITIAL |
|-------------------------------|------|-----------------------------------|------|---------|
| Left wing lower access pannel | | Drilled off broken anchor nut and | | DW |
| anchor nut broken. | | nut on new one. | | TIME |
| | | | | .25 |
| P/N Off: _____ | | S/N Off: _____ | | |
| P/N On: _____ | | S/N On: _____ | | |



605 SW 77 Way, Hgr #1 Pembroke Pines, FL 33023
 Tel 954-983-1151 Fax: 954-983-1157

Make/Model _____
 Registration # N4873R
 Serial # _____
 Tach _____ Hobbs _____
 Date _____

| DISCREPANCY | | CORRECTION | | INITIAL |
|---------------|--------------------------|--|------|------------|
| ITEM # | DATE | ITEM # | DATE | |
| LH main tire | has flat spot | Removed and replaced LH main tire 15 X 6-00 6ply | | DW TIME |
| P/N Off: | | S/N Off: | | 75 |
| P/N On: | | S/N On: | | |
| RH main tire | has flat spot | Removed and replaced RH main tire 15 X 6-00 6ply | | DW TIME |
| P/N Off: | | S/N Off: | | 75 |
| P/N On: | | S/N On: | | |
| Landing light | terminal post broken off | Replaced landing light bulb P/N 4596 | | DW TIME |
| P/N Off: | | S/N Off: | | -25 |
| P/N On: | | S/N On: | | |
| Rose strut | low | Seiced with nitrogen + oil | | DW TIME |
| P/N Off: | | S/N Off: | | -25 |
| P/N On: | | S/N On: | | |
| ITEM # | DATE | ITEM # | DATE | INITIAL |
| | | | | TIME |
| | | | | |
| P/N Off: | | S/N Off: | | |
| P/N On: | | S/N On: | | |



TROPIC RADIO INC.
 2695 N.W. 56TH ST. HANGER 53-D
 FT. LAUDERDALE, FL. 33309
 FAA APPROVED REPAIR STATION
 RZAR510M



STATEMENT OF ACCOUNT

W.O.# 7719

PHONE: 954-776-4030

| | | |
|----------------|-------------------|----------|
| BILL TO | CHARNOCK RICH A | |
| ADDRESS | 2800 SUNNYSIDE DR | |
| CITY | DAVIS FL | STATE |
| USER | DAVIS FL | STATE |
| ADDRESS | 78 954-961-9193 | |
| TEL NO | 33328 | ZIP CODE |
| CITY AND STATE | | |

| INVOICE DATE | TIME | AM | PM | PHONE WHEN READY | ORDER WRITTEN BY | REG NUMBER | AIRCRAFT HOURS | CUSTOMER ORDER NO | WARRANTY | AUTHORIZATION |
|---------------------------|--------------------------------|----|----|------------------|------------------|------------|----------------|-------------------|---------------------------------|---------------|
| 12/30/06 | | | | | | | | | <input type="checkbox"/> CASH | |
| U-182 RG | | | | | | N4873R | 2467.9 | | <input type="checkbox"/> CHARGE | |
| REPAIR ORDER INSTRUCTIONS | 1. (copy) PAR 91.411 & 91.413 | | | | | | | | | |
| | inspector's | | | | | | | | | |
| | Full 1090MHT Power Adjustments | | | | | | | | | |
| | Inspection of Mixture Air | | | | | | | | | |
| | Received all earnings. | | | | | | | | | |
| | OK Mixture Air | | | | | | | | | |
| | Insulation Test all trimmer | | | | | | | | | |
| | Inspection - 74 da Mixture Air | | | | | | | | | |
| | Static Vol | | | | | | | | | |
| | Dolan and inspector | | | | | | | | | |
| | no discrepancies noted | | | | | | | | | |

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

The only warranties applying to this part(s) are those which may be offered by the manufacturer. The selling dealer hereby expressly disclaims all warranties, either express or implied including any implied warranties of merchantability or fitness for a particular purpose and neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of this part(s) and/or service. Buyer shall not be entitled to recover from the selling dealer any consequential damages, damages to property, damages for loss of use, loss of profit or income or any other incidental damage.

SIGNED Mark W. WSB DATE 1/20/07

I hereby authorize the above repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the airplane herein described for the purpose of testing and/or inspection. An express mechanics lien is hereby acknowledged on above airplane to secure the amount of repairs thereto. TROPIC RADIO is not responsible for loss or damage to plane or articles left in planes in case of fire, theft, or any other cause beyond our control.

CUSTOMER SIGNATURE _____
 SUBLET REPAIRS _____

| ITEM | PART NO. | QTY. | COST | TOTAL | CUSTOMER P O NO. |
|--------------|----------|--------|------|-------|------------------|
| KT 359A | S/W | 18132 | | | |
| 5930P-1 | S/W | 116135 | | | |
| 101920-01522 | S/W | 120468 | | | |
| TOTAL PARTS | | | | | 200 00 |
| LABOR | | | | | |
| PARTS | | | | | |
| SHIPPING | | | | | |
| SUPPLIES | | | | | |
| SUBLET | | | | | |
| TAX | | | | | |
| TOTAL | | | | | 200 00 |

ACCRUING FINANCE CHARGE OF 1.8% PLUS \$25.00 LATE FEE PER MONTH ASSESSED ON ALL INVOICES OVER 30 DAYS



Miller Aviation, Inc

605 SW 77th Way
Hanger #1
Pembroke Pines, FL 33023

Estimate

Number: E170

Date: December 15, 2006

Bill To:

Enrique Hanaberg
2110 Biscayne #206
Aventura, FL 33180

Billing Info:

Shahir Selim

| PO Number | Terms | Sales Rep | Registration No. | Tach Hrs | Hobbs |
|-----------|-------|-----------|------------------|----------|--------|
| | COD | Bob | N4873R | 2467.7 | 8124.8 |

| Discription | Labor/Qty | Price | Tax | Amount |
|---|-----------|--------|-----|----------|
| ✎ IFR Certification past due, IFR Certification (Outside source) | 1.00 | 225.00 | ✓ | 225.00 ✓ |
| ✎ MLG warning system Inop, no warning horn, inspect, repair & adjust Throttle Switch & test. | 1.00 | 250.00 | ✓ | 250.00 ✓ |
| ✎ Stall warning system inop, Inspect, repair & test system. | 1.00 | 200.00 | ✓ | 200.00 ✓ |
| ✎ Flap Audio Warning system inop, inspect, repair & test Flap warning system. | 1.00 | 250.00 | ✓ | 250.00 ✓ |
| Cabin Flood Light Rheostat will not Dim Flood Light, repair & test Cabin Flood Light. | 1.00 | 125.00 | ✓ | 125.00 |
| Remove & replace leaking Rocker gaskets. | 1.00 | 75.00 | ✓ | 75.00 |
| ✎ Lt & Rt Fuel Transmitter Gaskets leaking, drain fuel tanks, remove Overhead Cover, remove & replace Transmitter Gaskets, Install Overhead Cover & refuel Fuel Tanks & leak check. | 1.00 | 500.00 | ✓ | 500.00 ✓ |
| ✎ Rear window Cracked & Craze, Remove & replace Rear window. Seal Rear Window. | 1.00 | 750.00 | ✓ | 750.00 |
| Rear Side Windows Crazed & Cloudy, Remove & replaced rear windows. | 1.00 | 600.00 | ✓ | 600.00 |
| Numerous area on airframe, wings & tail missing paint (Bare Metal w/ corrosion forming) remove corrosion, treat metal, prime & paint. | 1.00 | 550.00 | ✓ | 550.00 |
| All Engine Oil/Fuel lines hard & brittle (Recommended to be replaced every 5 years due to heat) Remove & replace all hoses w/ new. | 1.00 | 675.00 | ✓ | 675.00 |

All special order items require payment upfront prior to work commencing and parts ordering.

Estimate based on current Vendor prices for all special order items, customer will be notified within 24 hours of any additional charges or maintenance required during inspection, disassembly/repair.

Due to liability, **No Warranty on Customer supplied Parts.**

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Due to Vendor price changes, **ESTIMATE GOOD FOR 15 DAYS** of dated Estimate.

Accepted by _____ Date _____



Miller Aviation, Inc

605 SW 77th Way
Hanger #1
Pembroke Pines, FL 33023

Estimate

Number: E170

Date: December 15, 2006

Bill To:

Enrique Hanaberg
2110 Biscayne #206
Aventura, FL 33180

Billing Info:

Shahir Selim

| PO Number | Terms | Sales Rep | Registration No. | Tach Hrs | Hobbs |
|-----------|-------|-----------|------------------|----------|--------|
| | COD | Bob | N4873R | 2467.7 | 8124.8 |

| Discription | Labor/Qty | Price | Tax | Amount |
|---|-----------|----------|-----|----------|
| Propeller beyond Recommended 5 year Overhaul (Last Overhaul 1997), remove & install Overhauled Propeller. | 1.00 | 250.00 | ✓ | 250.00 |
| Wing tips cracked, removed tips, repair, paint & install. | 1.00 | 200.00 | ✓ | 200.00 |
| Gaskets P/N SLR75906 | 4.00 | 9.50 | ✓ | 38.00 |
| * Rear Windshield | 1.00 | 275.00 | ✓ | 275.00 |
| Side Windows | 2.00 | 96.00 | ✓ | 192.00 |
| S&H for windows | 1.00 | 75.00 | ✓ | 75.00 |
| Propeller Overhaul (Outside Source) | 1.00 | 2,500.00 | ✓ | 2,500.00 |
| Fuel/Oil Lines | 8.00 | 135.00 | ✓ | 1,080.00 |
| * Fuel Transmitter Gaskets | 2.00 | 9.95 | ✓ | 19.90 |
| Consumables (Aluminum Prep, Alodine, Primer, 3M abrasive pads, sandpaper, Tape, Masking Paper, Degreaser) | 1.00 | 95.00 | ✓ | 95.00 |
| Paint | 1.00 | 85.00 | ✓ | 85.00 |
| * Misc hardware | 1.00 | 25.00 | ✓ | 25.00 |
| Magneto removal & installation for AD Compliance | 1.00 | 225.00 | ✓ | 225.00 |
| Magneto IRAN for AD Compliance (Due in 63.3 hrs) | 1.00 | 475.00 | ✓ | 475.00 |

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Due to Vendor price changes, **ESTIMATE GOOD FOR 15 DAYS** of dated Estimate.

Accepted by _____ Date _____

| Avg Retail | Inventory | |
|------------|-----------|---|
| \$105,000 | \$86,000 | 1978 R182 II SKYLANE RG (Avg Retail - Whls) |
| \$3,938 | \$3,226 | Low A/F: 2,468 hrs (3.8% for early model) [I] |
| \$6,756 | \$6,756 | For low engine time x 1 [437 hrs log hrs] |
| \$3,588 | \$2,691 | BENDIX/KING KCS 55A series (HSI) |
| \$4,053 | \$3,040 | S-TEC CORPORATION System ST 60-2 (AP/FC) |
| \$4,499 | \$3,374 | GARMIN INTERNATIONAL GNS 530 (LORAN/GPS) |
| \$2,699 | \$2,024 | GOODRICH AVIONICS SYSTEMS WX-10A (WX) |
| <hr/> | <hr/> | |
| \$130,533 | \$107,111 | Total value(s) |

Appraisal notes:

Base Average = Dual nav-com; G/S; mkr beacon; xpdr-enc; ADF; 1-axis A/P(300); elec trim; big tanks; oxy on turbo; 1000 SMOH; AFTT +/- 10% of avg; compression 85% of new; orig logs; good P and I; no DH; 6-mo annual; ADs complied.

2000

| | | | | |
|------------------|----------|------|------|-----|
| Prep air | warehous | 6 hr | 65 | 500 |
| 1 hr certificate | | 200 | 200 | |
| Fuel gauges | | 2000 | 5 hr | 05 |
| DMC | | 1000 | | 350 |

Installation Center

GARMIN GNS 530 VHF Communications
Transceiver / VOR/ILS Receiver / GPS Receiver

Repair Station # BI1R035K
Name: AIRBORNE ELECTRONICS, INC.
Address: RD 2 BOX 2121A
E. STROUDSBURG, PA. 18301

**FAA APPROVED FLIGHT MANUAL SUPPLEMENT
GARMIN GNS 530 VHF COMMUNICATIONS TRANSCEIVER /
VOR/ILS RECEIVER / GPS RECEIVER**

AIRCRAFT MAKE: CESSNA

AIRCRAFT MODEL: R182

AIRCRAFT SERIAL NO.: R18200616

AIRCRAFT REGISTRATION NO.: N4873R

This document must be carried in the aircraft at all times. It describes the operating procedures for the GARMIN GNS 530 navigation system when it has been installed in accordance with GARMIN Installation Manual 190-00181-02 Rev. B (Rev. A or later) and FAA Form 337 dated 5-18-2001.

For aircraft with an FAA Approved Airplane Flight Manual, this document serves as the FAA Approved Flight Manual Supplement for the GARMIN GNS 530. For aircraft that do not have an approved flight manual, this document serves as the FAA Approved Supplemental Flight Manual for the GARMIN GNS 530.

The Information contained herein supplements or supersedes the basic Airplane Flight Manual only in those areas listed herein. For limitations, procedures, and performance information not contained in this document, consult the basic Airplane Flight Manual.

FAA APPROVED

Ernest. Nu G

Date: 5-18-2001

Title: ASI AW
Office: AEA FSDO-05
Federal Aviation Administration

FAA APPROVED ELM
AEA FSDO-05

DATE: 5-19-2001

PAGE 1 OF 8

Aircraft Make: CESSNA
Aircraft Model: R182
Aircraft Serial Number: R18200616

GARMIN GNS 530 VHF Communications
Transceiver / VOR/ILS Receiver / GPS Receiver

Table of Contents

| SECTION | PAGE |
|--------------------------------------|------|
| GENERAL | 3 |
| LIMITATIONS | 4 |
| EMERGENCY PROCEDURES | 5 |
| NORMAL PROCEDURES | 6 |
| PERFORMANCE | 8 |
| WEIGHT AND BALANCE | 8 |
| AIRPLANE & SYSTEM DESCRIPTIONS | 8 |

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Elm

DATE: 5-18-2001

PAGE 2 OF 8

Aircraft Make: CESSNA
Aircraft Model: R182
Aircraft Serial Number: R18200616

GARMIN GNS 530 VHF Communications
Transceiver / VOR/ILS Receiver / GPS Receiver

SECTION I GENERAL

1. The GNS 530 System is a fully integrated, panel mounted instrument, which contains a VHF Communications Transceiver, a VOR/ILS receiver, and a Global Positioning System (GPS) Navigation computer. The system consists of a GPS antenna, GPS Receiver, VHF VOR/LOC/GS antenna, VOR/ILS receiver, VHF COMM antenna and a VHF Communications Transceiver. The primary function of the VHF Communication portion of the equipment is to facilitate communication with Air Traffic Control. The primary function of the VOR/ILS Receiver portion of the equipment is to receive and demodulate VOR, Localizer, and Glide Slope signals. The primary function of the GPS portion of the system is to acquire signals from the GPS system satellites, recover orbital data, make range and Doppler measurements, and process this information in real-time to obtain the user's position, velocity, and time.
2. Provided the GARMIN GNS 530's GPS receiver is receiving adequate usable signals, it has been demonstrated capable of and has been shown to meet the accuracy specifications for:
 - VFR/IFR enroute, terminal, and non-precision instrument approach (GPS, Loran-C, VOR, VOR-DME, TACAN, NDB, NDB-DME, RNAV) operation within the U.S. National Airspace System in accordance with AC 20-138.
 - One of the approved sensors, for a single or dual GNS 530 installation, for North Atlantic Minimum Navigation Performance Specification (MNPS) Airspace in accordance with AC 91-49 and AC 120-33.
 - The system meets RNP5 airspace (BRNAV) requirements of AC 90-96 and in accordance with AC 20-138, and JAA AMJ 20X2 Leaflet 2 Revision 1, provided it is receiving usable navigation information from the GPS receiver.

Navigation is accomplished using the WGS-84 (NAD-83) coordinate reference datum. Navigation data is based upon use of only the Global Positioning System (GPS) operated by the United States of America.

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AEA FSDO-05

5-18-2001

DATE:

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PAGE 3 OF 8

Aircraft Make: CESSNA
Aircraft Model: R182
Aircraft Serial Number: R818200616

GARMIN GNS 530 VHF Communications
Transceiver / VOR/ILS Receiver / GPS Receiver

SECTION II LIMITATIONS

1. The GARMIN GNS 530 Pilot's Guide, P/N 190-00181-00, Rev. A, dated April 2000 or later appropriate revision must be immediately available to the flight crew whenever navigation is predicated on the use of the system.

The GARMIN 500 Series Pilot's Guide Addendum, Display Interface for Traffic and Weather Data, must be immediately available to the flight crew if the BFGoodrich WX-500 Stormscope® or the BFGoodrich SKYWATCH™ Traffic Advisory System (TAS) is installed.

2. The GNS 530 must utilize the following or later FAA approved software versions:

| Sub-System | Software Version |
|------------|------------------|
| Main | 2.00 |
| GPS | 2.00 |
| COMM | 1.22 |
| VOR/LOC | 1.25 |
| G/S | 2.00 |

The Main software version is displayed on the GNS 530 self test page immediately after turn-on for 5 seconds. The remaining system software versions can be verified on the AUX group sub-page 2, "SOFTWARE/DATABASE VER".

3. IFR enroute and terminal navigation predicated upon the GNS 530's GPS Receiver is prohibited unless the pilot verifies the currency of the data base or verifies each selected waypoint for accuracy by reference to current approved data.
4. Instrument approach navigation predicated upon the GNS 530's GPS Receiver must be accomplished in accordance with approved instrument approach procedures that are retrieved from the GPS equipment data base. The GPS equipment database must incorporate the current update cycle.
 - (a) Instrument approaches utilizing the GPS receiver must be conducted in the approach mode and Receiver Autonomous Integrity Monitoring (RAIM) must be available at the Final Approach Fix.
 - (b) Accomplishment of ILS, LOC, LOC-BC, LDA, SDF, MLS or any other type of approach not approved for GPS overlay with the GNS 530's GPS receiver is not authorized.

FAA APPROVED
AEA FSDO-05

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DATE: 5-18-2001

PAGE 4 OF 8

Aircraft Make: CESSNA
Aircraft Model: R182
Aircraft Serial Number: R18200616

GARMIN GNS 530 VHF Communications
Transceiver / VOR/ILS Receiver / GPS Receiver

- (c) Use of the GNS 530 VOR/ILS receiver to fly approaches not approved for GPS requires VOR/ILS navigation data to be present on the external indicator.
 - (d) When an alternate airport is required by the applicable operating rules, it must be served by an approach based on other than GPS or Loran-C navigation, the aircraft must have the operational equipment capable of using that navigation aid, and the required navigation aid must be operational.
 - (e) VNAV information may be utilized for advisory information only. Use of VNAV information for Instrument Approach Procedures does not guarantee Step-Down Fix altitude protection, or arrival at approach minimums in normal position to land.
5. If not previously defined, the following default settings must be made in the "SETUP 1" menu of the GNS 530 prior to operation (refer to Pilot's Guide for procedure if necessary):
- (a) **dis, spd** $\frac{n}{m}$ k_t (sets navigation units to "nautical miles" and "knots")
 - (b) **alt, vs** f_t fpm (sets altitude units to "feet" and "feet per minute")
 - (c) **map datum** . WGS 84 (sets map datum to WGS-84, see note below)
 - (d) **posn** deg-min (sets navigation grid units to decimal minutes)

NOTE: In some areas outside the United States, datums other than WGS-84 or NAD-83 may be used. If the GNS 530 is authorized for use by the appropriate Airworthiness authority, the required geodetic datum must be set in the GNS 530 prior to its use for navigation.

SECTION III EMERGENCY PROCEDURES

ABNORMAL PROCEDURES

1. If GARMIN GNS 530 navigation information is not available or invalid, utilize remaining operational navigation equipment as required.
2. If "RAIM POSITION WARNING" message is displayed the system will flag and no longer provide GPS based navigational guidance. The crew should revert to the GNS 530 VOR/ILS receiver or an alternate means of navigation other than the GNS 530's GPS Receiver.
3. If "RAIM IS NOT AVAILABLE" message is displayed in the enroute, terminal, or initial approach phase of flight, continue to navigate using the GPS equipment or revert to an alternate means of navigation other than the GNS 530's GPS receiver appropriate to the route and phase of flight. When continuing to use GPS navigation, position must be verified every

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AEA FSDO-05

Elm

DATE: 5-18-2011

PAGE 5 OF 8

Aircraft Make: CESSNA
Aircraft Model: R182
Aircraft Serial Number: R818200616

GARMIN GNS 530 VHF Communications
Transceiver / VOR/ILS Receiver / GPS Receiver

15 minutes using the GNS 530's VOR/ILS receiver or another IFR-approved navigation system.

4. If "RAIM IS NOT AVAILABLE" message is displayed while on the final approach segment, GPS based navigation will continue for up to 5 minutes with approach CDI sensitivity (0.3 nautical mile). After 5 minutes the system will flag and no longer provide course guidance with approach sensitivity. Missed approach course guidance may still be available with 1 nautical mile CDI sensitivity by executing the missed approach.
5. In an in-flight emergency, depressing and holding the Comm transfer button for 2 seconds will select the emergency frequency of 121.500 Mhz into the "Active" frequency window.

SECTION IV NORMAL PROCEDURES

1. DETAILED OPERATING PROCEDURES

Normal operating procedures are described in the GARMIN GNS 530 Pilot's Guide, P/N 190-00181-00, Rev. A, dated April 2000 or later appropriate revision.

2. PILOT'S DISPLAY

The GNS 530 System data will appear on the Pilot's CDI/HSI. The source of data is either GPS or VLOC as annunciated on the display above the CDI key.

3. AUTOPILOT / FLIGHT DIRECTOR OPERATION

Coupling of the GNS 530 System steering information to the autopilot/flight director can be accomplished by engaging the autopilot/flight director in the NAV or APR mode.

When the autopilot/flight director system is using course information supplied by the GNS 530 System and the course pointer is not automatically driven to the desired track, the course pointer on the HSI must be manually set to the desired track (DTK) indicated by the GNS 530. For detailed autopilot/flight director operational instructions, refer to the FAA Approved Flight Manual Supplement for the autopilot/flight director.

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Elm

DATE: 5-18-2001

PAGE 6 OF 8

Aircraft Make: CESSNA
Aircraft Model: R182
Aircraft Serial Number: R18200616

GARMIN GNS 530 VHF Communications
Transceiver / VOR/ILS Receiver / GPS Receiver

4. CROSSFILL OPERATIONS

For dual GNC 500 Product Series or GNC 500/GNC 400 Product Series installations, crossfill capabilities exist between the number one and number two Systems. Refer to the GARMIN GNS 530 Pilot's Guide for detailed crossfill operating instructions.

5. AUTOMATIC LOCALIZER COURSE CAPTURE

By default, the GNS 530 automatic localizer course capture feature is enabled. This feature provides a method for system navigation data present on the external indicators to be switched automatically from GPS guidance to localizer / glide slope guidance as the aircraft approaches the localizer course inbound to the final approach fix. If an offset from the final approach course is being flown, it is possible that the automatic switch from GPS course guidance to localizer / glide slope course guidance will not occur. It is the pilot's responsibility to ensure correct system navigation data is present on the external indicator before continuing a localizer based approach beyond the final approach fix. Refer to the GNS 530 Pilot's Guide for detailed operating instructions.

6. DISPLAY OF LIGHTNING STRIKE DATA

For installations that interface the BFGoodrich WX-500 Stormscope and the GNS 530, lightning strike data detected by the WX-500 will appear on the GNS 530. For detailed operating instructions regarding the interface of the GNS 530 with the WX-500, refer to the WX-500 Pilot's Guide and the GNS 530 Pilot's Guide Addendum for the WX-500 Stormscope interface.

7. DISPLAY OF TRAFFIC ADVISORY DATA

For installations that interface the BFGoodrich SKYWATCH Traffic Advisory System (TAS) and the GNS 530, traffic data detected by the SKYWATCH will appear on the GNS 530. For detailed operating instructions regarding the interface of the GNS 530 with the SKYWATCH, refer to the FAA Approved Flight Manual Supplement for the SKYWATCH, the Pilot's Guide for the SKYWATCH and the GNS 530 Pilot's Guide Addendum for the SKYWATCH Traffic Advisory System interface.

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DATE: 5-18-2001

PAGE 7 OF 8

Aircraft Make: CESSNA
Aircraft Model: R182
Aircraft Serial Number: R818200616

GARMIN GNS 530 VHF Communications
Transceiver / VOR/ILS Receiver / GPS Receiver

**SECTION V
PERFORMANCE**

No change.

**SECTION VI
WEIGHT AND BALANCE**

See current weight and balance data.

**SECTION VII
AIRPLANE & SYSTEM DESCRIPTIONS**

See GNS 530 Pilot's Guide for a complete description of the GNS 530 system.

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Elm

DATE:

5-18-2011

PAGE 8 OF 8



Miller Aviation, Inc

605 SW 77th Way
Hanger #1
Pembroke Pines, FL 33023

Estimate

Number: E170

Date: December 15, 2006

Bill To:

Enrique Hanaberg
2110 Biscayne #206
Aventura, FL 33180

Billing Info:

Shahir Selim

| PO Number | Terms | Sales Rep | Registration No. | Tach Hrs | Hobbs |
|-----------|-------|-----------|------------------|----------|--------|
| | COD | Bob | N4873R | 2467.7 | 8124.8 |

| Discription | Labor/Qty | Price | Tax | Amount |
|---|-----------|--------|-----|--------|
| IFR Certification past due, IFR Certification (Outside source) | 1.00 | 225.00 | ✓ | 225.00 |
| MLG warning system Inop, no warning horn, inspect, repair & adjust Throttle Switch & test. | 1.00 | 250.00 | ✓ | 250.00 |
| Stall warning system inop, Inspect, repair & test system. | 1.00 | 200.00 | ✓ | 200.00 |
| Flap Audio Warning system inop, inspect, repair & test Flap warning system. | 1.00 | 250.00 | ✓ | 250.00 |
| Cabin Flood Light Rheostat will not Dim Flood Light, repair & test Cabin Flood Light. | 1.00 | 125.00 | ✓ | 125.00 |
| Remove & replace leaking Rocker gaskets. | 1.00 | 75.00 | ✓ | 75.00 |
| Lt & Rt Fuel Transmitter Gaskets leaking, drain fuel tanks, remove Overhead Cover, remove & replace Transmitter Gaskets, Install Overhead Cover & refuel Fuel Tanks & leak check. | 1.00 | 500.00 | ✓ | 500.00 |
| Rear window Cracked & Craze, Remove & replace Rear window. Seal Rear Window. | 1.00 | 750.00 | ✓ | 750.00 |
| Rear Side Windows Crazed & Cloudy, Remove & replaced rear windows. | 1.00 | 600.00 | ✓ | 600.00 |
| Numerous area on airframe, wings & tail missing paint (Bare Metal w/ corrosion forming) remove corrosion, treat metal, prime & paint. | 1.00 | 550.00 | ✓ | 550.00 |
| All Engine Oil/Fuel lines hard & brittle (Recommended to be replaced every 5 years due to heat) Remove & replace all hoses w/ new. | 1.00 | 675.00 | ✓ | 675.00 |

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|-----------|-------|-----------|------------------|----------|--------|
| | COD | Bob | N4873R | 2467.7 | 8124.8 |

| Discription | Labor/Qty | Price | Tax | Amount |
|---|-----------|----------|-----|----------|
| Propeller beyond Recommended 5 year Overhaul (Last Overhaul 1997), remove & install Overhauled Propeller. | 1.00 | 250.00 | ✓ | 250.00 |
| Wing tips cracked, removed tips, repair, paint & install. | 1.00 | 200.00 | ✓ | 200.00 |
| Gaskets P/N SLR75906 | 4.00 | 9.50 | ✓ | 38.00 |
| Rear Windshield | 1.00 | 275.00 | ✓ | 275.00 |
| Side Windows | 2.00 | 96.00 | ✓ | 192.00 |
| S&H for windows | 1.00 | 75.00 | ✓ | 75.00 |
| Propeller Overhaul (Outside Source) | 1.00 | 2,500.00 | ✓ | 2,500.00 |
| Fuel/Oil Lines | 8.00 | 135.00 | ✓ | 1,080.00 |
| Fuel Transmitter Gaskets | 2.00 | 9.95 | ✓ | 19.90 |
| Consumables (Aluminum Prep, Alodine, Primer, 3M abrasive pads, sandpaper, Tape, Masking Paper, Degreaser) | 1.00 | 95.00 | ✓ | 95.00 |
| Paint | 1.00 | 85.00 | ✓ | 85.00 |
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| Magneto removal & installation for AD Compliance | 1.00 | 225.00 | ✓ | 225.00 |
| Magneto IRAN for AD Compliance (Due in 63.3 hrs) | 1.00 | 475.00 | ✓ | 475.00 |

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Miller Aviation, Inc
 605 SW 77th Way
 Hanger #1
 Pembroke Pines, FL 33023

Estimate

Number: E170

Date: December 15, 2006

Bill To:

Enrique Hanaberg
 2110 Biscayne #206
 Aventura, FL 33180

Billing Info:

Shahir Selim

| PO Number | Terms | Sales Rep | Registration No. | Tach Hrs | Hobbs |
|-----------|-------|-----------|------------------|----------|--------|
| | COD | Bob | N4873R | 2467.7 | 8124.8 |

| Discription | Labor/Qty | Price | Tax | Amount |
|---|-----------|-------|-----|--------|
| <p>IFR Certification does not include troubleshooting & repairing any Pitot/Static Leaks, Avionics Shop Rate \$85.00 per man hour. Stall Warning Indicator \$1100.00 or more if it is required to be replace, plus additional labor fro replacement.</p> | | | | |

| | |
|-----------------------------|--------------------|
| Sub-Total | \$9,734.90 |
| State Tax 6.00% on 9,734.90 | 584.10 |
| Total | \$10,319.00 |

All special order items require payment upfront prior to work commencing and parts ordering.
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 Due to Vendor price changes, **ESTIMATE GOOD FOR 15 DAYS** of dated Estimate.

Accepted by _____ Date _____

Customer

Miller Aviation, Inc.
605 SW 77th Way Hanger #1
Pembroke Pines, Fl. 33023
(954) 964-3684
(954) 964-6184 Fax

DATE 12-15-06

PAGE _____ of _____

AIRCRAFT DISCREPANCY LIST

| Aircraft No. | Make & Model No. | Aircraft Serial No. | Tach/Hobb Hrs. |
|---|--|---------------------|-----------------------|
| N4873R | Cessna 182RG | 215200616 | 2467.7/493.3 |
| Discrepancy | Corrective Action | | Signature of Mechanic |
| 1 Front Flood LTs on + Ground Glare shield mounts OH | | | Man Hours |
| | | | A & P |
| 2 Glare shield Flood LT over engine panel | | | Man Hours |
| | | | A & P |
| 3 RT Overhead Flood LT panel | | | Man Hours |
| | | | A & P |
| 4 Compl ✓ | 1 76 2 78 3 78 4 76 5 76 6 76 | | Man Hours |
| | | | A & P |
| 5 Rocker Cover Gaskets Seeping | | | Man Hours |
| | | | A & P |

Customer

Miller Aviation, Inc.
 605 SW 77th Way Hanger #1
 Pembroke Pines, FL 33023
 (954) 964-3684
 (954) 964-6184 Fax

DATE 12-15-06
 PAGE _____ of _____

AIRCRAFT DISCREPANCY LIST

| Aircraft No. | Make & Model No. | Aircraft Serial No. | Tach/Hobb Hrs. |
|--|------------------|---|------------------------|
| N4873R | Cessna 182RG | 215200616 | 2467.7/4933 |
| Discrepancy | | Corrective Action | Signature of Mechanic |
| 1. Cyl Head OIL Return Tubes Leaking | | | Man Hours A & P |
| 2. Throttle Microswitch Inop | | | Man Hours A & P |
| 3. Cam For throttle Microswitch not Properly Riss ^o | | | Man Hours A & P |
| A. OIL Filter dated 12-15-05 24816 Tach | | | Man Hours A & P |
| B. Replaced OIL Filter + Insp | | Replaced OIL Filter + Insp. w/ Metal CH48104-1 OIL Filter | Man Hours A & P |

Customer

Miller Aviation, Inc.
 605 SW 77th Way Hanger #1
 Pembroke Pines, FL 33023
 (954) 964-3684
 (954) 964-6184 Fax

DATE 12-15-06
 PAGE _____ of _____

AIRCRAFT DISCREPANCY LIST

| Aircraft No. | Make & Model No. | Aircraft Serial No. | Tach/Hobb Hrs. |
|--------------|---|---|--|
| N4873R | Cessna 182RG | Q15200616 | 2467.7/4933 |
| Discrepancy | | Corrective Action | Signature of Mechanic |
| 1 | 4ng Fuel HOEL Hoses dated 4-97 | | Man Hours |
| | | | A & P |
| 2 | Surface Corrosion TOP Eng Ceiling Inside- | | Man Hours |
| | | | A & P |
| 3 | 2 Hairs left side Below Eng Ceiling | | Man Hours |
| | | | A & P |
| 4 | ✓ Torque on Nuts Head down nuts + Install PAL nuts | Torque good. Installed PAL Nuts 2 PAL Nut MS27151-16 .20 | <i>[Signature]</i> Man Hours .5 A & P |
| 5 | | | Man Hours |
| | | | A & P |

Customer

Miller Aviation, Inc.
605 SW 77th Way Hanger #1
Pembroke Pines, FL 33023
(954) 964-3684
(954) 964-6184 Fax

DATE 12-15-06

PAGE _____ of _____

AIRCRAFT DISCREPANCY LIST

| Aircraft No. | Make & Model No. | Aircraft Serial No. | Tach/Hobb Hrs. |
|---|-------------------|---------------------|-----------------------|
| N4873R | Cessna 182R6 | R18200616 | 2467.7/443.3 |
| Discrepancy | Corrective Action | | Signature of Mechanic |
| 1 Right wing underside hardware missing paint | | | Man Hours |
| | | | A & P |
| 2 Left wing underside: paint missing near panels (multiple) and corroded hardware | | | Man Hours |
| | | | A & P |
| 3 Left wing tip: small cracks forming on attachment points | | | Man Hours |
| | | | A & P |
| 4 Left wing fuel strainer fuel stained | | | Man Hours |
| | | | A & P |
| 5 | | | Man Hours |
| | | | A & P |

Customer

Miller Aviation, Inc.
 605 SW 77th Way Hanger #1
 Pembroke Pines, FL 33023
 (954) 964-3684
 (954) 964-6184 Fax

DATE 12-15-06
 PAGE _____ of _____

AIRCRAFT DISCREPANCY LIST

| Aircraft No. | Make & Model No. | Aircraft Serial No. | Tach/Hobb Hrs. |
|---|-------------------|---------------------|-----------------------|
| N4573R | Cessna 182RG | 215200616 | 2467.7/4933 |
| Discrepancy | Corrective Action | | Signature of Mechanic |
| 1 RT wing tip cracked | | | Man Hours |
| | | | A & P |
| 2 clip nuts broken on RT wing | | | Man Hours |
| | | | A & P |
| 3 Aileron hinge nuts corroded Lt & Rt | | | Man Hours |
| | | | A & P |
| 4 Side and Rear windows cracked and clouded | | | Man Hours |
| | | | A & P |
| 5 Rudder tip cap cracking | | | Man Hours |
| | | | A & P |

Customer

Miller Aviation, Inc.
 605 SW 77th Way Hanger #1
 Pembroke Pines, FL 33023
 (954) 964-3684
 (954) 964-6184 Fax

DATE 12-15-06
 PAGE _____ of _____

AIRCRAFT DISCREPANCY LIST

| Aircraft No. | Make & Model No. | Aircraft Serial No. | Tach/Hobb Hrs. |
|--|-------------------|---------------------|-----------------------|
| N4873R | Cessna 182RG | 215200616 | 2467.7/4933 |
| Discrepancy | Corrective Action | | Signature of Mechanic |
| 1 Aft circle panel by flap and airbrake connector corroded inside panel | | | Man Hours |
| | | | A & P |
| 2 paint missing underside of Horizontal stabilizer | | | Man Hours |
| | | | A & P |
| 3 | | | Man Hours |
| | | | A & P |
| 4 | | | Man Hours |
| | | | A & P |
| 5 | | | Man Hours |
| | | | A & P |

Aviation, Inc



CUSTOMER AGREEMENT/WORK ORDER

| | | | |
|-----------------------------|---------------|---------|-------|
| Company: | | Tel: | |
| Name: DR HANBERG | | Fax: | |
| Address: | | | |
| City: | State: | Zip: | |
| Customer Representative: | | | |
| Aircraft: C182RG | Model: | Engine: | |
| Registration Number: N4873R | S/N R18200616 | | Date: |

Description of Problem / Maintenance Prebay Trip (see attached sheet)

MILLER AVIATION, INC.

605 SW 77th Way, Hangar #1
Pembroke Pines, FL 33023
Telephone (954) 964-3684

Service No.

Shop Rate:

\$65.00 per hour unless stated otherwise
Minimum 1 Hour Labor

Terms and Conditions:

The owner or the owner's representative/operator, referred as the Customer, authorizes Miller Aviation, Inc. to perform repairs and/or maintenance as described of the above aircraft. Such repairs and/or maintenance shall not be limited to the stated repairs as hidden or other consequential damage may not be apparent at the time of inspection. If hidden damage or consequential damage is found subsequent to the original description of problem or maintenance, Miller Aviation, Inc. will contact the Customer for approval. Approval is acceptable verbally, or written.

Payment will be due when services are rendered. Customer agrees to pay all charges of 3% per month on all past due balances. Storage fees for aircraft will be assessed at \$25⁰⁰ per day. If at the end of 30 days payment is not made, a mechanics lien will be placed against the aircraft. If Miller Aviation, Inc. retains the services of an attorney to protect its interest under this Agreement, Customer agrees to pay all costs including reasonable attorney's fees. All payments herein shall be due in Broward County, Florida. If Customer is a corporation, then the individual signing this Agreement on its behalf, shall be jointly and severally liable with Customer for payment of all monies due hereunder.

| Discrepancy | Corrective Action | Signature of Mechanic |
|-------------|-------------------|-----------------------|
| 1. | | Man Hours |
| | | A&P |
| 2. | | Signature of Mechanic |
| | | Man Hours |
| | | A&P |
| 3. | | Signature of Mechanic |
| | | Man Hours |
| | | A&P |
| 4. | | Signature of Mechanic |
| | | Man Hours |
| | | A&P |
| 5. | | Signature of Mechanic |
| | | Man Hours |
| | | A&P |

[Signature]
AUTHORIZED CUSTOMER SIGNATURE

SHAHIR SELIM
PRINTED AUTHORIZED SIGNATURE

ACCEPTANCE: THIS AGREEMENT IS NOT VALID UNLESS SIGNED BY AN AUTHORIZED MANAGER OF MILLER AVIATION, INC.

[Signature]
Manager Approval

Thank You For Your Business

Due to Liability there will be an additional 20% surcharge on all Customer supplied parts. No Warranty on Customer Supplied parts. A 50% deposit required prior to work commencing. Full payment due at completion of inspection. Not responsible for items left in the Aircraft.

Miller Aviation, Inc.
605 SW 77th Way Hanger #1
Pembroke Pines, FL 33023
(954) 964-3684

Prebuy Inspection
Cessna 182RG \$575.00

Prebuy Inspection consists of the following;

Engine Inspection:

Engine Log books will be reviewed for past maintenance. (Engine Overhaul recommended 2000 hrs)
Engine ground run for operational checks.
Engine cowling removed. Engine inspected for oil leaks, surface corrosion & general condition.
Oil Filter removed, cut open & inspected for Metal Contamination. (Additional Chg, Labor & parts)
Oil Sample taken if requested by Customer (Additional Chg)
Cowling inspected for cracks, corrosion and condition of mounting hardware.
Engine mounts, condition & security.
All Engine controls inspected for security, routing & proper operation.
Exhaust & Induction systems inspected for leaks, cracks and security.
Electrical inspected for wiring routing, condition and security.
Oil and Fuel lines inspected for routing, condition and security. (Recommended replacement every 5 yrs.)
Accessories inspected for leakage, proper mounting and wear.
Top Spark plugs removed, tested, cleaned, gapped and installed.
Compression checked performed.
Magnetos timing to engine per Manufacturers Instructions.
Fuel Injector/Carburetor and lines, inspected for leaks, security & proper routing.
Induction filter inspected.
Baffling for proper mounting, cracks, proper hardware installed.
Inspect condition of Baffle material for proper sealing.
Spinner assembly inspected for cracks, security & proper mounting hardware.
Propeller inspected for damage, leaks, corrosion and proper mounting. (Recommended Overhaul 5 yrs. or 2000 hrs.)
Proper FAA Documentation for any Repairs/Modifications to engine.
2 Hrs Engine/Propeller ADs research.

Airframe Inspection:

Airframe log books will be reviewed for past maintenance and damage history.
Review maintenance records for any Modifications & proper FAA Paperwork.
Airframe inspected for damage and corrosion.
Instruments inspected for proper operation.
Vacuum and static lines inspected for proper routing, security and condition.
Interior removed to gain access to flight controls, frames and stringers.
All panels, fairings and tip caps removed for internal inspections.
Inspect all flight controls, cables, pulleys, turnbuckles for proper rigging, corrosion damage and lubed.
Battery checked for proper servicing & charged state.
Battery box inspected for corrosion and proper venting of gases.
Wheels inspected for cracks & corrosion.
Brakes inspected for wear
Tires inspected for wear and serviced as required.
NLG Strut inspected for proper servicing and leakage.
All hydraulic actuators inspected for leakage, security and wear. (No seepage allowed)
MLG retraction/emergency extension performed.
Hydraulic reservoirs checked for leakage and proper servicing.
Flaps, Ailerons, Elevators and Rudder will be inspected for damage, corrosion, and security.
All control bearings and rod-ends inspected for wear & corrosion.
Fuel tanks and caps inspected for security, leakage and proper markings.
ELT tested and battery date checked.
Seats checked for proper operation and security.
Seat Belts inspected for wear, proper operation & FAA required Tags.
Windshield and windows inspected for cracks, crazing and proper sealing.
Aircraft lighting inspected and tested.
Proper FAA Documentation for any Repairs/Modifications to engine.
2 Hrs Airframe/Accessory AD's research.
All Aircraft inspected for proper Placards, Registration, Airworthiness Certificate, W&B and proper POH.

Prebuy Inspection does not entail disassembly or repair of components. Borescoping of cylinders, Oil Filter removal, inspection/replacement & Oil Sample all at additional cost.

Labor: **\$65.00 per hour** Parts & consumables at additional charge.

All Parts & Materials shall remain the property of Miller Aviation, Inc until Invoice paid in full.

Customer will be notified of any unseen damage, improper repairs, corrosion and other un-airworthy discrepancies noted during inspection.

Full payment due at completion of Inspection prior to Aircraft being released unless other arrangements have been made with Miller Aviation, Inc.

Not responsible for items left in the Aircraft.

Party signing Work Release Authorizes Miller Aviation, Inc to conduct a Prebuy Inspection as outlined above and will be responsible for payment of all work completed.

Work Release Signature & Date *John Se* 12/15/06 Date 12/15/06

Pre-inspection Run Up

N# 12-144873R Date: 12-15-06 Tach.: 2467.7 Hobbs.: 4934

Aircraft Manufacturer: Cessna

Engine Manufacturer: _____

Aircraft Model: 182R6

Engine Model: _____

Aircraft Serial No. _____

Engine Serial No. _____

Propeller Model/S/N _____

Engine Serial No. _____

| | Lt. Engine | Rt. Engine |
|----------------------|------------|------------|
| Idle RPM | | |
| Oil Press | 85 | |
| Oil Temp | 180 | |
| Lt. Magneto | -75 | |
| Rt. Magneto | -75 | |
| Alternator | 5AMP | |
| Propeller | ✓ | |
| Carb. Heat | ✓ | |
| Fuel Press/Fuel Flow | 4.5 | |
| Vacuum | 5.1 | |
| Fuel Crossfeed | | |
| Mixture Cutoff | 0 | |
| Static RPM | 2300 @ 28" | |
| Idle | 700 | |
| EGT/CHT | ✓ / 350 | |

Complied by
 Miller Aviation, Inc.
 7501 Pembroke Rd.
 Pembroke Pines, FL 33023
 (954) 964-3684

N4873R C182RG R18200616 TACH 2467.7 / 493.3
LAST ANNUAL 5-1-06 @ 2461.6 Previous ANNUAL 9/04

LAST ENH OVERHAUL

Prop OVERHAUL 4-18-97 by New England Props @ 2031.0 Tach

ELEVATORS SKINS upper; lower LH; RH Replaced 7-13-99

NO RECORD OF Prop S/N 795686 BEING REMOVED; S/N 792523 ^{Installed}

Prop S/N 795686 Repaired 1-29-82 @ 455.4 NO ENH RECORD

Prop GOV S/N 793553 DJ; Installed 1-27-82 @ 455.4

DATE ON OIL FILTER DOES NOT MATCH LOGBOOK ENTRY

| | |
|------------|---------|
| oil filter | logbook |
| 12/05 | 5/06 |

ELT BAT DUE JAN 08

IFR CK: 09/04 DUE 9/06 PAST DUE

MAG Impulse 2005-R-06 DUE: N 633 HRS

SEATS

The seating arrangement consists of two individually adjustable seats for the pilot and front seat passenger, and a built-in bucket front seat for the rear seat passenger. A child seat is located at the aft cabin bulkhead behind the rear seat.

TRAINING

CESSNA AIRCRAFT COMPANY

WICHITA, KANSAS

Weight & Balance and Installed Equipment Data

| CONTROL NUMBER | DATE | MODEL | REGISTRATION NUMBER | CESSNA SERIAL NUMBER |
|----------------|----------|---------------|---------------------|----------------------|
| 920011 | 06/29/78 | SKYLANE NO 11 | N4875K | 110200610 |

| ITEM | WEIGHT | ARM | MOMENT |
|--|--------|------|--------|
| STANDARD AIRPLANE (EMPTY, DRY) | 1696.2 | 34.3 | 58180 |
| INCLUDING ALL REQUIRED AND STANDARD EQUIPMENT ITEMS | | | |
| USABLE FUEL 40.0 GALLONS | 24.0 | 48.0 | 1152 |
| OIL OIL 7.0 QUARTS | 10.9 | 12.7 | 200 |
| STANDARD EMPTY WEIGHT | 1737.1 | 34.0 | 59067 |
| ADDITIONAL EQUIPMENT REPLACING OR IN ADDITION TO EQUIP AND STANDARD EQUIPMENT ITEMS | | | |
| 0-0750 CARDINAL RED-MAJOR | NEUL | | |
| 0-0750 FLAG RED-ACCENT | NEUL | | |
| 0-0750 EDDY BLACK LEATHER | 2.0 | 02.0 | 120 |
| 0-0750 AVIONICS KIT | 0.2 | 00.1 | 40 |
| 0-0750 NAVOMATIC INCL CREDIT FOR TURN CLOCKS | 0.2 | 00.1 | 40 |
| 0-0750 N/C KIT 000A 720 CUM 200 NAV VOR/LOR | 0.0 | 00.0 | 0 |
| 0-0750 A/C N/O 000A 00400 | 0.2 | 00.1 | 40 |
| 0-0750 TRANSPONDER KIT 000A LOW ALTITUDE | NEUL | | |
| 0-0750 LIGHTS, NAVIGATION LIGHTS | 0.1 | 00.1 | 40 |
| 0-0750 LIGHT CONTROLS, 000A | 0.1 | 00.1 | 40 |
| 0-0750 SOUND SERVICE PLUG RECEPTACLE | 0.0 | 00.0 | 0 |
| 0-0750 LANDING SYSTEM, STALL WARNING & PITOT (EXCH.) | 0.2 | 00.1 | 40 |
| 0-0750 INDICATOR, TRUE AIRSPEED (EXCH.) | 1.0 | 00.0 | 370 |
| 0-0750 LIGHT, BEACON, MINI-FLASH | 0.0 | 00.0 | 0 |
| 0-0750 LIGHTS, COURTESY | 0.0 | 00.0 | 0 |
| 0-0750 BEACON BEACON | 0.0 | 00.0 | 0 |
| 0-0750 BATTERY SOURCE, ALTERNATE | 1.1 | 01.1 | 41 |
| 0-0750 ANTENNA AND COUPLER | 0.0 | 00.0 | 0 |
| 0-0750 N/C KIT 000A VOR/LOR (2ND UNIT) | 2.7 | 00.0 | 100 |
| 0-0750 MARKER BEACON, K402A | 4.0 | 08.0 | 400 |
| 0-0750 GLIDESLOPE KIT 400 40 CH. INCL. VOR/LOR (EXCH.) | 1.0 | 00.0 | 20 |
| 0-0750 ALTITUDE ENCODER, BLIND | NEUL | | |
| 0-0750 DIAL DIGITAL (EXCH.) | 0.2 | 01.0 | 30 |
| 0-0750 CONTROL WHEEL, ALL PURPOSE, (EXCH.) | 0.1 | 01.0 | 30 |
| 0-0750 PROXIMITY PLATE HOLDER | 1.2 | 00.0 | 10 |
| 0-0750 INDICATOR, CARBON DIOXIDE AIR TEMPERATURE | NEUL | | |
| 0-0750 MICROPHONE/HEADSET COMBINATION | 1.0 | 01.0 | 80 |
| 0-0750 ADDRESS, 2 EACH FRONT | 0.1 | 00.2 | 0 |
| 0-0750 INDICATOR, ECONOMY MIXTURE | 0.0 | 00.0 | 0 |
| 0-0750 UNIT, INSTRUMENT POST | 2.1 | 00.0 | 30 |
| 0-0750 LIGHTING, ELECTROLUMINESCENT PANEL | 0.0 | 00.0 | 0 |
| 0-0750 UNIT, STROBE | 0.4 | 00.0 | 20 |
| 0-0750 ALT KIT, ANTI-PRECIPIATION | 0.0 | 00.0 | 0 |
| 0-0750 CORDS, FLIGHT HOUR | 0.6 | 02.0 | 30 |
| 0-0750 BUCKLE, INERTIA RECL, SHOULDER/SEAT BELT SYSTEM | 11.0 | 00.0 | 424 |
| 0-0750 PILOT'S ARTICULATING RECLINE VERT. ADJ. (EXCH.) | 11.0 | 00.0 | 424 |
| 0-0750 PASSENGER'S ARTICULATING RECLINE VERT. ADJ. EXC. | 0.0 | 00.0 | 0 |
| 0-0750 ARTICULATION SYSTEM, REAR SEAT | 0.0 | 00.0 | 0 |

CESSNA AIRCRAFT COMPANY

WICHITA, KANSAS

Weight & Balance and Installed Equipment Data

| CONTROL NUMBER | DATE | MODEL | REGISTRATION NUMBER | CESSNA SERIAL NUMBER |
|----------------|----------|---------------|---------------------|----------------------|
| 920011 | 08/29/78 | SKYLANE RG 11 | 1201JK | K1000010 |

| ITEM | WEIGHT | ARM | MOMENT |
|---|--------|------|--------|
| WINDOWS, TINTED SKYLIGHTS | 1.4 | 40.0 | 56 |
| WINDOW, HINGED RH | 2.3 | 47.0 | 108 |
| 100 VGR/LUC IND. W/AUTOMATIC RADIAL CENTERING (L&R) | .2 | 10.0 | 2 |
| FIRE EXTINGUISHER | 3.5 | 29.0 | 102 |
| ASIC EMPTY WEIGHT | 1857.0 | 34.6 | 64249 |
| USEFUL LOAD | 1243.0 | | |
| MAXIMUM TAKE-OFF WEIGHT | 3100.0 | | |

SHAKALIS AVIATION SERVICES INC.
516-293-5858

ANNUAL INSPECTIONS, MAJOR ALTERATIONS
AND REPAIRS

AIRCRAFT STATUS REPORT

"N" Number: N4873R Date: 8/1/03

Make & Model: R182 S/N: 00616

Aircraft Total Time: 2387

Annual Inspection Due @: 8/04

100 Hour Inspection Due @: 2487

ELT Battery Due Date: 8/05

Altimeter System Check
FAR 91.411....App. "E" 7/04

Transponder System Check
FAR 91.413 (Encoder) 7/04

Recurring Airworthiness Directives
and Service Bulletins

| AD/SB Number | Subject | Date/Time C/W | Next Due |
|--------------|-----------------------|---------------|-------------|
| AD 87-2003R2 | Seat rail insp | 2387 | 2487/annual |
| AD 76-07-12 | Bendix Igniter switch | 2387 | 2487/annual |
| AD 96-12-07 | Impulse Coupling | | 2531 |
| | | | |
| | | | |
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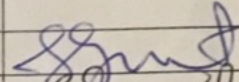
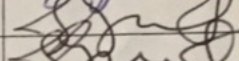
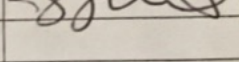
VOR EQUIPMENT CHECK LOG

Aircraft Model 4873 R

S/N _____ Registration _____

Type of Check

1. VOT
2. VOR Designated Point - Ground
3. VOR Designated Point - Airborne
4. Self Select - Airborne
5. Dual VOR

| Date | A/C Time | Location/VOR | Bearing Error | | Type Ck. | Signature |
|---------|----------|--------------|---------------|-------|----------|---|
| | | | VOR 1 | VOR 2 | | |
| 5/25/04 | | DPK 244° R | 242 | 244 | 5 |  |
| 3/4/5 | | CC 320° R | 320 | 321 | 5 |  |
| 3/26/05 | 2442 | DPK 010° R | 010 | 012 | 5 |  |
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MID-CONTINENT INSTRUMENTS CO., INC.

9400 E 34TH ST. NORTH

WICHITA, KS 67226-2615

FAA CRS OL2R061L

Final Work Order

WRK0182796



July 18, 2011

Page: 1

| | | | |
|--|--|-----------------------|----------------------|
| Nomenclature ATTITUDE GYRO | Serial No 71573F | Location KS | RMA # |
| Manufacturer's Part No. 23-501-017 | Model No. 5000F-6/C661076-0101 | | Quantity 1 |
| Manufacturer SIGMA-TEK | | | Service Period |
| | | | |

Reason For Removal

04/20/11 Display upside down. slw

Work Instructions

Warranty Repair _____ Overhaul Return As Is _____
 Functional Test _____ Repair _____ Modified _____

Special Instructions

Panel Tilt: 0°

Input: AIR

Preliminary Inspection

Seals Broken No Cover Damaged No Hidden Damage Inspection Required No
 Nameplate Damaged No Finding

Preliminary Inspector **RAMON TORRES-BLAS**

Date **July 18, 2011**

Failure Analysis

Filter Contaminated

Customer Complaint Verified

ROTORS INSIDES CAME OUT. FILTER HAS MISCELLANEOUS DEBRIS. INNER AND OUTER GIMBAL BEARINGS ARE SLUGGISH.

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 # 86M024 CHANGE 1 11/4/10

Outgoing Service Bulletins N/A

Technician **TERESA GARDNER**

Date **July 21, 2011**

In-Process Inspector **CHRISTIAN FERRIS**

Date **July 21, 2011**

FINAL INSPECTOR **RANDALL FERGUSON**

Date **July 22, 2011**

Parts Used

| Part Number | Part Description | Quantity |
|--------------------|------------------|----------|
| 1V285-991 | ROTOR | 1 |
| 1V362-001 | FILTER | 1 |
| 23-500-16-1 | GASKET, BEZEL | 1 |
| 60B076-002 | BOTTOM PLATE | 1 |
| AN426A2-2 | RIVET | 2 |
| 3010709 | O-RING, 0.114ID | 1 |
| SSRIF-4ZHA3P25LO1P | BEARING | 2 |



MID-CONTINENT INSTRUMENTS CO., INC.

9400 E 34TH ST. NORTH

WICHITA, KS 67226-2615

FAA CRS OL2R061L

WRK0182796



July 18, 2011

Page: 2

Final Work Order

| | | | |
|--|--|-----------------------|-------|
| Nomenclature ATTITUDE GYRO | Serial No 71573F | Location KS | RMA # |
| Manufacturer's Part No. 23-501-017 | Model No. 5000F-6/C661076-0101 | Quantity 1 | |
| Manufacturer SIGMA-TEK | Service Period | | |
| | | | |

SS1/4A-2ZABEC7K28

BEARING, R4

1

SSRI6632ZA0205

BEARING, BALL

2

RI-1438ZZSD

BEARING

1


1. Approving National Aviation Authority/Country:
FAA/UNITED STATES

2. AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
WRK0182796

4. Organization Name and Address:


MID-CONTINENT INSTRUMENT CO., INC
9400 E 34th ST. NORTH
WICHITA, KS 67226-2615

5. Work Order/Contract/Invoice Number:
WRK0182796

| 6. Item: | 7. Description: | 8. Part Number: | 9. Eligibility: | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: |
|----------|-----------------|------------------------------------|-----------------|---------------|--------------------------|------------------|
| 1 | ATTITUDE GYRO | 23-501-017 5000F-6/C661076-0101 | N/A | 1 | 71573F | OVERHAULED |

13. Remarks:

THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED. ALL WORK WAS PERFORMED REF. MANUAL # 86M024 CHANGE 1 11/4/10

The work specified in block 12/13 except as otherwise specified was carried out in accordance with EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.4675.

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

21. Approval/Certificate No.:

FAA CRS OL2R061L

17. Name (Typed or Printed):

18. Date (m/d/y):

22. Name (Typed or Printed):

23. Date (m/d/y):

RANDALL FERGUSON

Jul/22/2011

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 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 West
 16320 Staggy St
 Van Nuys, CA 91406-1717
 (800) 345-7599 818-786-0300
 Fax 818-786-2734
 www.mcico.com

Packing Sheet

| | |
|-----------|-----------|
| Number | 5226342 |
| Ship Date | 8/16/2011 |
| Page | 1 |

Ship To:

South Valley Aviation LLC
 812 Waverly Street
 Eugene OR 97401

Bill To:

16771 South Valley Aviation LLC
 PO Box 42142
 Eugene OR 90474

Notes:

Fax: (000) 000-0000 Ext. 0000 Ph: (000) 000-0000 Ext. 0000

| Purchase Order No. | Customer ID | Salesperson | Shipping Method | Payment Terms | | | |
|--------------------|-------------|-------------|-----------------|--|--------------------------------------|--------------|------------|
| 4873R-BRUCE | 16771 | ANDY | UPS | CREDIT CARD | | | |
| Ordered | Shipped | B/O | Item Number | Description | Model Number | Type of Sale | W/O Number |
| 1 | 1 | 0 | 23-501-017 | ATTITUDE GYRO, AIR, 0° S/N: 71573F | 5000F-6/C66107i Core Value: \$200 | OVERHAULLED | EXCHANGE |
| | | | | Int'l Ship Info: Schedule B: 9014.20.8040 ECCN: 7A994 | | | |

Please notify your customer in advance that a 5% Recertification Fee will be charged on all returned units.

fund checks will be charged a service fee of \$35.00.

Thank you for doing business with Mid-Continent Instruments!

Cell No. 2-4
 Engine No. 1320534-404
 Model Code 9-540-4325D
 Fuel System Serial 10-2235-05-4674
 Setting No. 13330A
 Fuel System Curve No. 13330A
 Ignition Serial Nos.
 Left 6-111-6346
 Right
 Type of Run *Fixed*

Date 3-10-97
 Lvc. Test Spec. 712

TEXTRON Lycoming

PRODUCTION MANUAL ENGINE TEST LOG

IGNITION TEST
 Both Magns 2297
 Left Mag 2195
 Both Magns 2297
 Right Mag 2120
 Acceleration Check
 Idle Cut Off Check

PRE-OIL

Oil Temp. 189
 Pre-Oil Press. 57 PSI
 Oil Pr. At Idle 96#
 Oil Consumption Lb/Hr 18.3
 Time of Barometer Reading 0830
 Barometer Reading - h Hg 29.87
 ENGINE TESTED & ACCEPTED
 Tester Signature *W. J. Thomas*
 Date 3-10-97

Form No. T-001 (Revised 4/95)
 Preservation - LPS 486
 Part 3 2 Test
 Sign. *W. J. Thomas*
 Engine Tested With Float Bowl
 Connected To Fuel Pump Inlet
 3-10-97

| Time | Start Read | Spec Point | Eng Spd Rpm | Deck P | Noz P | Man P | Orif P | Oil P | Fuel P | Orif Dp | Orif T | Deck T | Fuel T | Oil T | Exh T | Fuel Cons Lbs/Hr | Vent Flow Lbs/Hr | Head T. No. | Teo P2 | |
|------|------------|------------|-------------|--------|-------|-------|--------|-------|--------|---------|--------|--------|--------|-------|-------|------------------|------------------|-------------|--------|-------|
| | | | | | | | | | | | | | | | | | | | | In Hg |
| | 0830 | Start | | | | | | | | | | | | | | | | | | |
| | 0835 | 0839 | 1200 | | | 14.0 | 29.5 | 62.4 | 4.3 | 0.9 | 65 | | | 119 | | 23.4 | | 167 | | |
| | 0840 | 0849 | 1800 | | | 18.2 | 29.5 | 69.0 | 3.5 | 5.8 | 64 | | | 174 | | 59.5 | | 328 | | |
| | 0850 | 0859 | 2200 | | | 23.0 | 29.5 | 76.5 | 3.5 | 19.8 | 64 | | | 171 | | 92.3 | | 399 | | |
| | 0900 | 0904 | Idle | 636 | | 13.0 | 29.5 | 48.5 | 4.2 | | 64 | | | 168 | | 7.4 | | 280 | | |
| | 0905 | 0704 | 700 AF | 1965 | | 19.0 | 28.5 | 74.0 | 3.6 | 7.8 | 64 | | | 166 | | 69.8 | | 320 | | |
| | 0910 | 0914 | 1100 AF | 2316 | | 23.0 | 29.5 | 75.4 | 3.4 | 18.4 | 64 | | | 172 | | 96.5 | | 364 | | |
| | 0915 | 0919 | 1300 AF | 2350 | | 25.3 | 28.5 | 73.7 | 3.3 | 26.4 | 65 | | | 171 | | 115.4 | | 376 | | |
| | 0920 | 0934 | FT. | 3432 | | 29.0 | 28.5 | 80.5 | 3.1 | 33.4 | 63 | | | 168 | | 130.2 | | 345 | | |
| | 0930 | 0932 | Idle | 696 | | 12.1 | 29.5 | 58.6 | 4.2 | | 64 | | | 165 | | 9.2 | | 261 | | |
| | 0940 | Stop | | | | | | | | | | | | | | | | | | |

Remarks

Re - oil observed v. bad
 A. 5246
 Airport
 Dept 02

The following minor variations to the applicable engine test specification were observed during this test and determined to be acceptable "as is". The acceptance of these variations will not affect airworthiness of function of the engine.

Variations

- 1 _____
 - 2 _____
 - 3 _____
 - 4 _____
- Engr: _____ Date _____

Van Bortel TT 2016.8

RECORD OF ACCESSORIES AND MAJOR PARTS SHIPPED WITH ENGINE

Model 0-540-J3C5D Serial No. L-20534-40A ENPL No. _____
 Order No. A-5246 T. C. No. _____ Date 3/2/97

| PART NAME | PART NUMBER | QUANTITY | MANUFACTURER OR MODEL | SERIAL NUMBER | SETTING OR CODE NO. | INSPECTOR |
|--------------------------------|---------------------------|----------|-----------------------|---------------|---------------------|-----------|
| CARBURETOR | LW-15960-85 HA-6 | 1 | PRECISION | D64674 | 10-5235 | |
| INJECTOR | NA | | | | | |
| GENERATOR | NA | | | | | |
| ALTERNATOR | NA | | | | | |
| MAG. - LEFT | NA | | | | | |
| MAG. - RIGHT | NA | | | | | |
| MAG. - DUAL | | | | | | |
| STARTER | LW-785126-105 LW-15572 | 1 | TCM | L1896246 | | |
| FUEL PUMP | LW15472 | 1 | ESI | 6112614 | MHISH1016 | |
| IGN. HARNESS L | LW15472 | 1 | AC | LP | | |
| R | NA | | TCM | | | |
| SPARK PLUGS | 1182-F7 | 12 | CHAMPION | RH1439F | | |
| REDUC. GEAR | NA | | | | | |
| TURBOCHARGER | NA | | | | | |
| BY-PASS VALVE | NA | | | | | |
| DENSITY CONTR. | NA | | | | | |
| PRESS. CONTR. | NA | | | | | |
| ABSOLUTE PRESSURE RELIEF VALVE | NA | | | | | |
| OIL COOLER | NA | | | | | |
| INTERCOOLER | NA | | | | | |
| LUECO | | | | | | |

C of A Issued

Date _____

All Accessories Listed Are (Zero) 0 Time Since New Or (Zero) 0 Time Since Overhaul.

Cylinders: Plain Steel

LW-13870 Nitrided Barrels (Blue)

NOTE: Form to be used on all new, overhauled, remanufactured engine models.

Released: Inspector Richard C. Hoffman Date 3-2-97



ITEM: 4
PN: CH48103-1
ORDER: 1578548N/LOT: N/A

DESC: FILTER OIL
QTY: 1
U/M: EA

1578542

4

| | | |
|--|---|--|
| 1. Approving National Aviation Authority/Country: FAA/UNITED STATES | 2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG | 3. Form Tracking Number: 1578542 |
|--|---|--|

| | |
|--|---|
| 4. Organization Name and Address: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218 | 5. Work Order/Contract/Invoice Number: 714515 |
|--|---|

| Item: | 7. Description: | 8. Part Number: | 9. Eligibility: | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: |
|-------|-----------------|-----------------|-----------------|---------------|--------------------------|------------------|
| 4 | FILTER OIL | CH48103-1 | N/A | 1 | N/A | New |

3. Remarks:
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.

PO# 7114-03

| | |
|---|--|
| 4. Certifies the items identified above were manufactured in conformity to: | 19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in block 13 |
| <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> 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: <i>Kenneth E. Wsocki Sr.</i> | 16. Approval/Authorization No.: 100129CE | 20. Authorized Signature: | 21. Approval/Certificate No.: |
|---|--|---------------------------|-------------------------------|

| | | | |
|---|---|------------------------------|-------------------|
| 17. Name (Typed or Printed): KENNETH E. WY SOCKI SR., ODARF | 18. Date (m/d/y): APR/24/2007 | 22. Name (Typed or Printed): | 23. Date (m/d/y): |
|---|---|------------------------------|-------------------|

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 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.

NEW ENGLAND PROPELLER SERVICE, INC.
INDUSTRIAL PARK
EAST HADDAM, CONNECTICUT 06423
REPAIR STATION #RC2R130L
SERVICE WORKORDER CR-21328

FIRST AVIATION SERVICES
111 INDUSTRIAL AVE.

Acct: 1144

DATE: 03/13/97

TETERBORO, NJ 07608
CHRIS WILLS

DATE DUE: 03/20/97

P.O.: M97-20

How Received: NEPS. DEL.

Resale Number: T133273865000

201 288-3555

Terms Net: 0

Payment Via:

Shipping Instructions: NEPS RETURN-PICK UP

Plane: CESSNA R182

Engine: LYC. IO-540

N-Number:

C290D30/T16-

S/N: 783553

MCCAULEY GOVERNOR
Time in Service:

Hours/Date since Last Overhaul:

BLADE S/N 1)
6)

2)

3)

4)

5)

MIN. Diameter:

Angles Set at Station Latch Angle:

LO: HI: REV.: - FEATHER: START:

INSTRUCTIONS

OUTSIDE SERVICES

OVERHAUL X
RAN ONLY
AD NOTE ONLY
FLUSH ONLY
DRESS/PAINT ONLY
CHECK ANGLES
CHECK TRACK
CHECK BALANCE
PAINT X

SHOT PEEN
CAD PLATE
REWORK

BOOT MODEL:
LEAD MODEL:

Built from Stock: N

Color: ALL BLACK

CHECK WIDTH & THICKNESS

SPECIAL INSTRUCTIONS

OVERHAUL MCCAULEY GOVERNOR

1-B20889 fly ugt. new

Old S/N if Hub Replaced:

THE FOLLOWING ENCIRCLED SERVICE CRITERIA HAS BEEN COMPLIED WITH:

AD Notes:

Service Bulletins:

S/B223C/W

Service Letters:

Service Instructions:

MECHANIC: _____

INSPECTOR: *Bennett* 2307130

MAINTENANCE RELEASE

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and has been certified for return to service. Pertinent details of work performed are on file at this station under W.O. No. CR21328. Work performed complies with Airworthiness Directives and Service Bulletins listed here.