

**Ron's Aircraft Service, Inc.**

Repair Station No. RJUR641K  
2810 Perimeter Road, Suite 101  
North Las Vegas, NV 89032  
Phone: 702-646-6191  
Fax: 702-646-2744  
Date: 4/14/2005, 2:31 PM

**CUSTOMER INFORMATION****Brooksby, Scott**

8960 West Cheyenne Ave. Suite 190  
Las Vegas, NV 89129  
367-4121  
Reg. No: N5245C  
1979 Cessna 310R  
Current A/C TT: 4345.7, Hobbs: 4345.7  
A/C Serial: 310R1523

**Customer Invoice**  
**Work Order: 2474-03-2005**

**Item: 1 - Airworthy Airframe****Discrepancy**

Inspect tail for damage after wind blew box into aircraft.

**Hours**

8.81

**Subtotal**

616.70

**Corrective Action**

Removed damaged tail cone fairing for repairs, Repaired tail cone as necessary. Reinstalled tail cone with proper hardware

Inspection Information:

Inspector Code: TRAVIS ANDERSON on 04/12/05

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
6	sq. ft.	03-27950	Aluminum Sheet - .025 in., sold by sq. ft.		5.58	33.45

**Labor:** \$616.70**Parts:** \$33.45**Shipping:** \$0.00**Item Subtotal:** \$650.15**Item: 2 - Airworthy Airframe****Discrepancy**

Preliminary inspection.

**Hours**

N/C - 0.20

**Subtotal**

0.00

**Corrective Action**

Preliminary inspection completed.

Inspection Information:

Inspector Code: TRAVIS ANDERSON on 04/12/05

**Labor:** \$0.00**Parts:** \$0.00**Shipping:** \$0.00**Item Subtotal:** \$0.00

Please see the next page for the totals for this invoice

**Additional Charges**

Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	Subtotal
0.00	0.00	0.00	0.00	30.84	0.00	0.00	\$30.84

**Labor Summary**

Shop Labor: \$616.70      Outside Repair: \$0.00

The estimated labor total was \$35.96

**Taxed Items:**

Misc. Charges, Oil Analysis, Shop Parts, OSR Parts, Shipping In, Shipping Out, Shop Supplies

**Total Labor:** \$616.70

**Total Parts:** \$33.45

**Total Shipping:** \$0.00

**Additional Charges:** \$30.84

**Tax:** \$4.82

**Amount Due:** \$685.81

**Deposit:** \$0.00

**Balance Due:** \$685.81

**Important Information**

NOTE: To keep the cost of repair down, all Pitot/Static system checks and Transponder checks are referred to Horton Avionics and you will be Invoiced directly from Horton Avionics for any work that they accomplish on your aircraft.

Brooksby, Scott

Date



# Otto Instrument Service, Inc.

1441 Valencia Place • Ontario • CA 91761-7639

Telephone: 909.930.5800 • Fax: 909.930.5808 • Web: [www.ottoinstrument.com](http://www.ottoinstrument.com)

Invoice No: 35928

Invoice Date: 7/15/2005

## Sold To:

Air Inc. (M5662)  
6558 Colley Ave.  
Las Vegas, NV 89146  
USA

## Ship To:

Air Inc. (M5662)  
6558 Colley Ave.  
Las Vegas, NV 89146  
USA  
Attn: Scott

Master PO: SCOTT

Line Item: 0001

Order Date: 07/15/2005

Ship Date:

Cust.Code: M5662

Terms: CREDIT CARD

Ship Via: UPS

Cust.Cont: Scott

SOID: SO0511226

AWB#:

Cust.Phone: 702-367-4121

Admin By: Theresa Villaseñor

Weight:

Cust.Fax:

FOB: Origin/ONT

Cartons:

Cust.Site: M5662

Item	Part Number	Serial Number	CD Delivery	Price	QTY	Ext. Price	Tax	Item Price
0001	52D137-1333	I-8262	OH STOCK	1,895.00	1	1,895.00	0.00	1,895.00

Description: Slaved HSI

LI Notes: RO20513858

0002 52D137-1333

AR CORE DUE

2,500.00 1

2,500.00

0.00

2,500.00

Description: Slaved HSI

LI Notes: Customer Core Requirement.

Our Inc. (M5662)

OTTO INSTRUMENT SERV  
1441 VALENCIA PLACE  
ONTARIO CA 91671

DATE: 07/15/05 TIME: 14:24  
REF#: 75003123445 TRF#: 0001  
5-4-L-E-S D-R-A-F-T

REF: 0002 BCH: 247  
CD TYPE: MC  
TR TYPE: MP  
INV#: 35928  
AMOUNT: \$1910.50

BCT: \*\*\*\*\*6178 EXP: \*\*\*  
API: 025441 QVS: NO NOTCH

CARDMEMBER ACKNOWLEDGES RECEIPT OF  
GOODS AND/OR SERVICES IN THE AMOUNT OF  
THE TOTAL SHOWN HEREON AND AGREES TO  
PERFORM THE OBLIGATIONS SET FORTH BY THE  
CARDMEMBER'S AGREEMENT WITH THE ISSUER

Phone Order

TOP COPY-MERCHANT BOTTOM COPY-CUSTOMER

## Special Instructions:

## Remit Payment To:

Otto Instrument Service (OTS)  
1441 Valencia Place  
Ontario, CA 91761-7639  
USA  
Attn: Accounts Receivable

Total Ext: 4,395.00

Tax: 0.00

Sub Total: 4,395.00

Misc: 0.00

Freight: 15.50

Total Credits: 0.00

Total Due: \$4,410.50

Condition Codes: NE=New, OH=Overhaul, RP=Repaired, RJ=Rejected, EX=Exchange, OR=Outright, FT=Functional Tested/Inspected, AR=As Removed  
Unless otherwise specified, all goods are shipped FOB Origin at the Buyer's risk. The responsibility of Otto ceases upon delivery of goods in good order to the carrier.

Honeywell

LICENSED AND AUTHORIZED REPAIR CENTER

**Ron's Aircraft Service, Inc.**

Repair Station No. RJUR641K  
2810 Perimeter Road, Suite 101  
North Las Vegas, NV 89032  
Phone: 702-646-6191  
Fax: 702-646-2744  
Date: 8/19/2005, 10:44 AM

**CUSTOMER INFORMATION****PS Aviation LLC**

831 Manor Shores Road  
Henderson, NV 89015  
Reg. No: N5245C  
1979 Cessna 310R  
Current A/C TT: 4345.7, Hobbs: 4345.7  
A/C Serial: 310R1523

**Customer Invoice**  
**Work Order: 2809-08-2005**

**Item: 1 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
Repair nose baggage door	3.53	247.10

**Corrective Action**

Repaired nose baggage door with doubler overlay on rear hinge point attachment point. Sealed edges of doubler.

<b>Labor:</b> \$247.10	<b>Parts:</b> \$0.00	<b>Shipping:</b> \$0.00	<b>Item Subtotal:</b> \$247.10
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**Item: 2 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
Preliminary inspection.	N/C - 0.20	0.00

**Corrective Action**

Preliminary inspection completed.

<b>Labor:</b> \$0.00	<b>Parts:</b> \$0.00	<b>Shipping:</b> \$0.00	<b>Item Subtotal:</b> \$0.00
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**Additional Charges**

Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	Subtotal
0.00	0.00	0.00	0.00	12.36	0.00	0.00	\$12.36

**Labor Summary**

Shop Labor: \$247.10	Outside Repair: \$0.00
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**Total Labor:** \$247.10

**Total Parts:** \$0.00

**Total Shipping:** \$0.00

**Additional Charges:** \$12.36

**Tax:** \$0.93

**Amount Due:** \$260.39

**Deposit:** \$0.00

**Balance Due:** \$260.39

The estimated total was \$0.00

**Taxed Items:**

Misc. Charges, Oil Analysis, Shop Parts, OSR Parts, Shipping In, Shipping Out, Shop Supplies

**Important Information**

NOTE: To keep the cost of repair down, all Pitot/Static system checks and Transponder checks are referred to Horton Avionics and you will be Invoiced directly from Horton Avionics for any work that they accomplish on your aircraft.

PS Aviation LLC or Authorized Representative

Date



**air Service, Inc.**

Repair Station No. RJUR641K  
2810 Perimeter Road, Suite 101  
North Las Vegas, NV 89032  
Phone: 702-646-6191  
Fax: 702-646-2744  
Date: 8/24/2005, 9:59 AM

**CUSTOMER INFORMATION**

**PS Aviation LLC**  
831 Manor Shores Road  
Henderson, NV 89015  
Reg. No: N5245C  
1979 Cessna 310R  
Current A/C TT: 4345.7, Hobbs: 4345.7  
A/C Serial: 310R1523

**Customer Invoice**  
**Work Order: 2809-08-2005**

**Item: 1 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
Repair nose baggage door	3.53	247.10

**Corrective Action**

Repaired nose baggage door with doubler overlay on rear hinge point attachment point. Sealed edges of doubler.

<b>Labor:</b> \$247.10	<b>Parts:</b> \$0.00	<b>Shipping:</b> \$0.00	<b>Item Subtotal:</b> \$247.10
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**Item: 2 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
Preliminary inspection.	N/C - 0.20	0.00

**Corrective Action**

Preliminary inspection completed.

<b>Labor:</b> \$0.00	<b>Parts:</b> \$0.00	<b>Shipping:</b> \$0.00	<b>Item Subtotal:</b> \$0.00
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**Additional Charges**

Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	Subtotal
0.00	0.00	0.00	0.00	12.36	0.00	0.00	\$12.36

**Labor Summary**

Shop Labor: \$247.10	Outside Repair: \$0.00
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The estimated total was \$0.00

**Taxed Items:**

Misc. Charges, Oil Analysis, Shop Parts, OSR Parts, Shipping In, Shipping Out, Shop Supplies

<b>Total Labor:</b>	\$247.10
<b>Total Parts:</b>	\$0.00
<b>Total Shipping:</b>	\$0.00
<b>Additional Charges:</b>	\$12.36
<b>Tax:</b>	\$0.93
<b>Amount Due:</b>	\$260.39
<b>Deposit:</b>	\$0.00
<b>Balance Due:</b>	\$260.39

**Important Information**

NOTE: To keep the cost of repair down, all Pitot/Static system checks and Transponder checks are referred to Horton Avionics and you will be Invoiced directly from Horton Avionics for any work that they accomplish on your aircraft.

PS Aviation LLC or Authorized Representative

Date

**Ron's Aircraft Service, Inc.**

Repair Station No. RJUR641K  
2810 Perimeter Road, Suite 101  
North Las Vegas, NV 89032  
Phone: 702-646-6191  
Fax: 702-646-2744  
Date: 8/24/2005, 9:58 AM

**CUSTOMER INFORMATION****Brooksby, Scott**

Shultz, Paul  
8960 West Cheyenne Ave. Suite 190  
Las Vegas, NV 89129  
367-4121  
Reg. No: N8675W  
1964 Piper PA28-235  
Current A/C TT: , Tach:  
A/C Serial: 28-10205

**Customer Invoice**  
**Work Order: 2819-08-2005**

**Item: 1 - Airworthy Engine**

Discrepancy	Hours	Subtotal
Left Mag drop	1.00	70.00

**Corrective Action**

Cleaned # 5 spark plugs. Ops checked good all hardware torqued to spec.

<b>Labor:</b> \$70.00	<b>Parts:</b> \$0.00	<b>Shipping:</b> \$0.00	<b>Item Subtotal:</b> \$70.00
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**Item: 2 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
Preliminary inspection.	N/C - 0.20	0.00

**Corrective Action**

Preliminary inspection completed.

<b>Labor:</b> \$0.00	<b>Parts:</b> \$0.00	<b>Shipping:</b> \$0.00	<b>Item Subtotal:</b> \$0.00
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**Additional Charges**

Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	Subtotal
0.00	0.00	0.00	0.00	3.50	0.00	0.00	\$3.50

**Labor Summary**

Shop Labor: \$70.00	Outside Repair: \$0.00
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The estimated total was \$0.00

**Taxed Items:**

Misc. Charges, Oil Analysis, Shop Parts, OSR Parts, Shipping In, Shipping Out, Shop Supplies

<b>Total Labor:</b>	\$70.00
<b>Total Parts:</b>	\$0.00
<b>Total Shipping:</b>	\$0.00
<b>Additional Charges:</b>	\$3.50
<b>Tax:</b>	\$0.26
<b>Amount Due:</b>	\$73.76
<b>Deposit:</b>	\$0.00
<b>Balance Due:</b>	\$73.76

**Important Information**

NOTE: To keep the cost of repair down, all Pitot/Static system checks and Transponder checks are referred to Horton Avionics and you will be Invoiced directly from Horton Avionics for any work that they accomplish on your aircraft.

Brooksby, Scott or Authorized Representative

Date

**Ron's Aircraft Service, Inc.**

Repair Station No. RJUR641K  
2810 Perimeter Road, Suite 101  
North Las Vegas, NV 89032  
Phone: 702-646-6191  
Fax: 702-646-2744  
Date: 9/1/2005, 2:07 PM

**CUSTOMER INFORMATION**

**PS Aviation LLC**  
831 Manor Shores Road  
Henderson, NV 89015  
Reg. No: N5245C  
1979 Cessna 310R  
Current A/C TT: 4384.2, Hobbs: 4384.2  
A/C Serial: 310R1523

**Customer Invoice****Work Order: 2855-09-2005****Item: 1 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
TS aircraft heater	1.86	130.20

**Corrective Action**

Trouble shoot aircraft, found spark plug flouled and fuel pump inop. Advised customer of part required. No further action taken.

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1		MS35489-11	Grommet		0.54	0.54

<b>Labor:</b> \$130.20	<b>Parts:</b> \$0.54	<b>Shipping:</b> \$0.00	<b>Item Subtotal:</b> \$130.74
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**Additional Charges**

Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	Subtotal
0.00	0.00	0.00	0.00	6.51	0.00	0.00	\$6.51

**Labor Summary**

Shop Labor: \$130.20	Outside Repair: \$0.00
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The estimated total was \$0.58

**Taxed Items:**

Misc. Charges, Oil Analysis, Shop Parts, OSR Parts, Shipping In, Shipping Out, Shop Supplies

<b>Total Labor:</b>	\$130.20
<b>Total Parts:</b>	\$0.54
<b>Total Shipping:</b>	\$0.00
<b>Additional Charges:</b>	\$6.51
<b>Tax:</b>	\$0.53
<b>Amount Due:</b>	\$137.78
<b>Deposit:</b>	\$0.00
<b>Balance Due:</b>	\$137.78

**Important Information**

NOTE: To keep the cost of repair down, all Pitot/Static system checks and Transponder checks are referred to Horton Avionics and you will be Invoiced directly from Horton Avionics for any work that they accomplish on your aircraft.

PS Aviation LLC or Authorized Representative

Date

**Ron's Aircraft Service, Inc.**

Repair Station No. RJUR641K  
2810 Perimeter Road, Suite 101  
North Las Vegas, NV 89032  
Phone: 702-646-6191  
Fax: 702-646-2744  
Date: 10/7/2005, 11:46 AM

**CUSTOMER INFORMATION**

**PS Aviation LLC**  
831 Manor Shores Road  
Henderson, NV 89015  
Reg. No: N5245C  
1979 Cessna 310R  
Current A/C TT: 4411.3, Hobbs: 4411.3  
A/C Serial: 310R1523

**Customer Invoice**  
**Work Order: 2946-10-2005**

**Item: 1 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
Right brake leaking.	0.92	64.40

**Corrective Action**

R&R right main brake pads and also resealed right brake caliper all hardware torqued and brake bleed reservoir serviced to spec ops and leak check good. customer supplied brake linings.

**Inspection Information:**

Function Check: RON BEARD on 10/07/05  
Inspector Code: RON BEARD on 10/07/05

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
3		MS28775-222	O'Ring		0.92	2.76

**Labor: \$64.40      Parts: \$2.76      Shipping: \$0.00      Item Subtotal: \$67.16**

**Item: 2 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
Preliminary inspection.	N/C - 0.20	0.00

**Corrective Action**

Preliminary inspection completed.

**Inspection Information:**

Inspector Code: RON BEARD on 10/07/05

**Labor: \$0.00      Parts: \$0.00      Shipping: \$0.00      Item Subtotal: \$0.00**

**Item: 3 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
Aircraft Release	N/C - 0.20	0.00

**Corrective Action**

This aircraft is approved for return to service for the above work performed. Ron's Aircraft Service, Inc FAA CRS # RJUR641K

**Inspection Information:**

Final Inspection: RON BEARD on 10/07/05  
Inspector Code: RON BEARD on 10/07/05

**Labor: \$0.00      Parts: \$0.00      Shipping: \$0.00      Item Subtotal: \$0.00**

Please see the next page for the totals for this invoice



Additional Charges							Subtotal
Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	
0.00	0.00	0.00	0.00	3.22	0.00	0.00	\$3.22

Labor Summary	
Shop Labor: \$64.40	Outside Repair: \$0.00

The estimated total was \$2.97

**Taxed Items:**

Misc. Charges, Oil Analysis, Shop Parts, OSR Parts, Shipping In, Shipping Out, Shop Supplies

<b>Total Labor:</b>	\$64.40
<b>Total Parts:</b>	\$2.76
<b>Total Shipping:</b>	\$0.00
<b>Additional Charges:</b>	\$3.22
<b>Tax:</b>	\$0.46
<b>Amount Due:</b>	\$70.84
<b>Deposit:</b>	\$0.00
<b>Balance Due:</b>	\$70.84

**Important Information**

NOTE: To keep the cost of repair down, all Pitot/Static system checks and Transponder checks are referred to Horton Avionics and you will be Invoiced directly from Horton Avionics for any work that they accomplish on your aircraft.

PS Aviation LLC or Authorized Representative

Date

MAKE: Cessna  
MODEL: 310R  
S/N: 310R1523  
REG. NO: N5245C  
WORK ORDER:  
3458-06-2006

## Ron's Aircraft Service, Inc.

Repair Station No. RJUR641K  
2810 Perimeter Road, Suite 101  
North Las Vegas, NV 89032  
Phone: 702-646-6191

DATE: 6/22/2006  
A/C TSN: 4428.4  
HOBBS: 4428.4

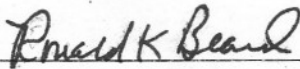
### Airframe Entries

T/S and found left landing gear idle ear broken. Inspected other gear mechanisms adjacent to the broken idle and found okay.... Inspected Landing gear idler assy and found to be airworthy. Installed idler assembly left landing gear well. All Linkages reconnected and hardware torqued. Landing gear door arm tension checked at 18 lbs down and 20 lbs up. Landing gear free fall okay and lock tension set a 50 lbs. Landing gear drop off okay.

This aircraft N5245C and/or it's component(s) was repaired or inspected in accordance with current Federal Aviation Regulations and was found Airworthy, and is approved for return to service. "Pertinent details of the work performed are on file at this repair station under Work Order No. 3458-06-2006

DATE: 6/22/2006

SIGNED:



Work Order: 3458-06-2006

Printed by EBis 3 (datcomedia.com)

**Ron's Aircraft Service, Inc.**

Repair Station No. RJUR641K  
2810 Perimeter Road, Suite 101  
North Las Vegas, NV 89032  
Phone: 702-646-6191  
Fax: 702-646-2744  
Date: 6/22/2006, 4:33 PM

**CUSTOMER INFORMATION**

**Brooksby, Scott**  
Shultz, Paul  
8960 West Cheyenne Ave. Suite 190  
Las Vegas, NV 89129  
367-4121  
Reg. No: N5245C  
1979 Cessna 310R  
Current A/C TT: 4411.3, Hobbs: 4411.3  
A/C Serial: 310R1523

**Customer Invoice**  
**Work Order: 3458-06-2006**

**Item: 1 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
Left landing gear door will not close	3.00	225.00

**Corrective Action**

T/S and found left landing gear idle ear broken. Inspected other gear mechanisms adjacent to the broken idle and found okay.

## Inspection Information:

Final Inspection: BILL DEXHEIMER on 06/22/06

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
Labor: \$225.00		Parts: \$0.00		Shipping: \$0.00		Item Subtotal: \$225.00

**Item: 2 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
Left landing gear idle ear broken. (CS)	2.50	187.50

**Corrective Action**

Inspected Landing gear idler assy and found to be airworthy. Installed idler assembly left landing gear well. All Linkages reconnected and hardware torqued. Landing gear door arm tension checked at 18 lbs down and 20 lbs up. Landing gear free fall okay and lock tension set a 50 lbs. Landing gear drop off okay.

## Inspection Information:

Final Inspection: BILL DEXHEIMER on 06/22/06

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
Labor: \$187.50		Parts: \$0.00		Shipping: \$0.00		Item Subtotal: \$187.50

**Item: 3 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
OTC Parts	0.20	15.00

**Corrective Action**

OTC Parts

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
1		S2319-20	Grommet-Engine Cowl		1.09	1.09
Labor: \$15.00		Parts: \$1.09		Shipping: \$0.00		Item Subtotal: \$16.09

**Item: 4 - Airworthy Airframe**

Discrepancy	Hours	Subtotal
Aircraft Release	N/C	0.00

**Corrective Action**

This aircraft is approved for return to service for the above work performed. Ron's Aircraft Service, Inc FAA CRS # RJUR641K

## Inspection Information:

Aircraft Release: BILL DEXHEIMER on 06/22/06

Maintenance Release: BILL DEXHEIMER on 06/22/06

Qty	Unit	Part Number	Description	Serial Number	Unit Price	Subtotal
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<b>Labor:</b> \$0.00	<b>Parts:</b> \$0.00	<b>Shipping:</b> \$0.00	<b>Item Subtotal:</b> \$0.00
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Please see the next page for the totals for this invoice

**Additional Charges**

Pilot Services	Tire Disposal	EPA Charge	Oil Analysis	Shop Supplies	Fuel	Misc.	<b>Subtotal</b>
0.00	0.00	0.00	0.00	21.38	0.00	0.00	\$21.38

**Labor Summary**

Shop Labor: \$427.50	Outside Repair: \$0.00
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**Taxed Items:**

Misc. Charges, Oil Analysis, Shop Parts, OSR Parts, Shipping In, Shipping Out, Shop Supplies

**Total Labor:** \$427.50

**Total Parts:** \$1.09

**Total Shipping:** \$0.00

**Additional Charges:** \$21.38

**Tax:** \$1.74

**Amount Due:** \$451.71

**Deposit:** \$0.00

<b>Balance Due:</b>	<b>\$451.71</b>
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**Important Information**

NOTE: To keep the cost of repair down, all Pitot/Static system checks and Transponder checks are referred to Horton Avionics and you will be Invoiced directly from Horton Avionics for any work that they accomplish on your aircraft.

\_\_\_\_\_  
Brooksby, Scott or Authorized Representative

\_\_\_\_\_  
Date



**01 February 2007****Airframe Log Entry****N5245C**

Hobbs:	<b>4483.10</b>	Airframe TT:	<b>8579.40</b>	ELT Battery TT (sec):	<b>16</b> s
Left Tach:	<b>"Hobbs"</b>	Left Engine TT:	<b>3878.30</b>	Left Engine TSMOH:	<b>1991.00</b>
		Left Prop TT:	<b>3878.30</b>	Left Prop TSMOH:	<b>1517.50</b>
Right Tach:	<b>"Hobbs"</b>	Right Engine TT:	<b>3878.30</b>	Right Engine TSMOH:	<b>284.90</b>
		Right Prop TT:	<b>3878.30</b>	Right Prop TSMOH:	<b>367.90</b>
Heater Hobbs:	<b>1280.50</b>	Heater TT:	<b>1222.25</b>	Heater TSMOH:	<b>196.55</b>
Altimeter Due: (FAR 91.411)	<b>Feb 07</b>	Transponder Due: (FAR 91.413)	<b>Feb 07</b>	ELT Battery Due:	<b>Mar 08</b>

***Note: The aircraft flew 100 hours yet the Heater Hobbs indicated 141 hours of operation. The owners did not operate the heater on the ground during this period and only used it after reaching cruise altitude. Therefore the Heater Hobbs should be significantly less than flight time. So I reverted to the 50% of flight time rule to estimate heater operation during the last 100.1 hours of flight time.***

Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Narco ELT-10 battery expires March 2008. Performed successful ELT transmission and impact test as per Part 91.207(d) for installation, battery condition, control operation, impact sensor, and transmission strength.

Complied with **AD 81-09**, Amendment 39-4102, dated 05/08/1981, Southwind Heater 250 Hour Inspection as per Par(A), no defects observed, Next Compliance Due at 1439.55 Heater Total Time. **AD 81-09-09**, Amendment 39-4102, dated 05/08/1981, Southwind Heater 1000 Hour Inspection as per Par(B) due at at 2025.7 Heater Total Time.

**I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**



**Michael S. Brown A&P565719918A1**

## Airworthiness Directive Compliance Snapshot

<u>Airframe</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
57-04-01	Yes	Aileron hinge	1/1/1957	Not Applicable – by date of manufacture
72-03-07	No	Landing gear failure	2/9/1972	Not Applicable – by date of manufacture
72-14-08 R1	Yes	Flexible hose assemblies	9/4/1981	Not Applicable – by date of manufacture
73-07-07	No	Fuel hoses & electrical wiring chafing	4/6/1973	Not Applicable – by date of manufacture
75-05-08	No	Superseded by 76-08-02	1/1/1975	Not Applicable – Superseded
75-23-07	No	Emergency exit window	11/13/1975	Not Applicable – by date of manufacture
76-04-03	Yes	ARC PA-500A actuators	2/26/1976	Not Applicable – by date of manufacture
76-08-02 R2	No	Wing tip nose cap	1/31/1983	Not Applicable – by date of manufacture
78-11-05	No	Autopilot actuator	6/5/1978	Not Applicable – by Serial Number
80-13-14	No	Fuel flow transducer	7/22/1980	Not Applicable – Not Installed
87-21-02 R1	No	Fuel filler openings	6/16/1989	P/C/W – Inspected, Restrictors installed
90-02-13	Yes	Main landing gear	2/5/1990	Terminated – Bearing #51411098-1 Installed 7-8-99
97-01-13	No	P/N S51-10 hoses	2/3/1997	Not Applicable – by inspection 1-8-99 TTAF 7627.3
98-04-28	No	AFM changes - icing conditions	3/13/1998	P/C/W – by inspection, warning in AFM
<b><u>Left Engine</u></b>				
79-05-09	No	Oil pressure indication	3/12/1979	Not Applicable – by Engine Serial Number
80-01-04	No	Cylinder hold down flanges	1/25/1980	Not Applicable – not rebarreled by Airmotive Engineering
81-24-06	Yes	Fuel pumps	11/23/1981	Terminated – by Pump Serial Number
86-13-04 R3	Yes	Cylinder assemblies	2/24/1988	Not Applicable – by Serial Number or Date of Manufacture
87-23-08	Yes	Superseded by 97-26-17	11/30/1987	Not Applicable – Superseded
88-03-06	No	Oil filter	4/15/1988	Not Applicable – by type of oil filter
91-19-03	No	Oil filter elements	9/29/1991	Not Applicable – by Filter Date Codes
93-10-02	No	Valve retainer key	8/12/1993	Not Applicable – not Factory Rebuilt or Overhauled
93-16-15	No	Fuel pump	12/14/1993	P/C/W – on 5-31-1994
<b>97-26-17 C1</b>	<b>Yes</b>	<b>Crankshaft subsurface fatigue cracks</b>	<b>1/23/1998</b>	<b>DUE whenever the Crankshaft is removed from the Engine</b>
98-01-08 L	No	STC SE8594SW-Exhaust roller rocker arm	1/15/1998	Not Applicable – STC not Installed
98-17-11	No	Crankshafts serviced by Nelson Balancing	10/19/1998	Not Applicable – not serviced by Nelson Balancing
98-17-11 C1	No	Crankshafts serviced by Nelson Balancing	10/19/1998	Not Applicable – not serviced by Nelson Balancing
99-09-17 L	No	Superseded by 99-19-01	4/22/1999	Not Applicable – Superseded
99-19-01	No	Crankshaft failure	9/30/1999	Not Applicable – not overhauled during this time period
2000-08-51 E	No	Superseded by 2000-23-21	4/28/2000	Not Applicable – Superseded
2000-23-21	No	Crankshaft propeller mount flange core sample	12/12/2000	Not Applicable – not overhauled within period
2004-08-10	No	ECi cylinder failure	5/5/2004	Not Applicable – Eci Cylinders not Installed
<b><u>Right Engine</u></b>				
79-05-09	No	Oil pressure indication	3/12/1979	Not Applicable – by Engine Serial Number
80-01-04	No	Cylinder hold down flanges	1/25/1980	Not Applicable – not rebarreled by Airmotive Engineering
81-24-06	Yes	Fuel pumps	11/23/1981	Terminated – by Pump Serial Number
86-13-04 R3	Yes	Cylinder assemblies	2/24/1988	Not Applicable – by Serial Number or Date of Manufacture
87-23-08	Yes	Superseded by 97-26-17	11/30/1987	Not Applicable – Superseded
88-03-06	No	Oil filter	4/15/1988	Not Applicable – by type of oil filter
91-19-03	No	Oil filter elements	9/29/1991	Not Applicable – by Filter Date Codes
93-10-02	No	Valve retainer key	8/12/1993	Not Applicable – not Factory Rebuilt or Overhauled
93-16-15	No	Fuel pump	12/14/1993	P/C/W – on 5-31-1994
<b>97-26-17 C1</b>	<b>Yes</b>	<b>Crankshaft subsurface fatigue cracks</b>	<b>1/23/1998</b>	<b>DUE whenever the Crankshaft is removed from the Engine</b>
98-01-08 L	No	STC SE8594SW-Exhaust roller rocker arm	1/15/1998	Not Applicable – STC not Installed
98-17-11	No	Crankshafts serviced by Nelson Balancing	10/19/1998	Not Applicable – not serviced by Nelson Balancing
98-17-11 C1	No	Crankshafts serviced by Nelson Balancing	10/19/1998	Not Applicable – not serviced by Nelson Balancing
99-09-17 L	No	Superseded by 99-19-01	4/22/1999	Not Applicable – Superseded
99-19-01	No	Crankshaft failure	9/30/1999	Not Applicable – not overhauled during this time period

2000-08-51 E	No	Superseded by 2000-23-21
2000-23-21	No	Crankshaft propeller mount flange core sample
2004-08-10	No	ECi cylinder failure

4/28/2000	Not Applicable – Superseded
12/12/2000	Not Applicable – not overhauled within period
5/5/2004	Not Applicable – Eci Cylinders not Installed

<u>Left Prop.</u>	<u>Rec</u>	<u>Subject</u>
83-13-06	No	Counterweight bolts
2003-13-17	No	Props serviced by T and W Propellers
2005-14-11	No	Blades serviced by Southern Calif. Prop. Service

<u>Effective</u>	<u>Remarks</u>
7/5/1983	Not Applicable – by Hub Serial Number
7/18/2003	Not Applicable – Not Serviced by T&W Propellers
8/17/2005	Not Applicable – Not Serviced by Southern Calif. Prop. Service

<u>Right Prop.</u>	<u>Rec</u>	<u>Subject</u>
83-13-06	No	Counterweight bolts
2003-13-17	No	Props serviced by T and W Propellers
2005-14-11	No	Blades serviced by Southern Calif. Prop. Service

<u>Effective</u>	<u>Remarks</u>
7/5/1983	Not Applicable – by Hub Serial Number
7/18/2003	Not Applicable – Not Serviced by T&W Propellers
8/17/2005	Not Applicable – Not Serviced by Southern Calif. Prop. Service

<u>Airborne</u>	<u>Rec</u>	<u>Subject</u>
98-23-01	No	Dry air pumps P/N B1-19-1 flexible coupling

<u>Effective</u>	<u>Remarks</u>
11/20/1998	Not Applicable – by Serial Number

<u>Bendix – Mags</u>	<u>Rec</u>	<u>Subject</u>
73-07-04	No	Superseded by 94-01-03
74-26-09	No	S-20,-200,-1200 Series Magnetos
82-20-01	No	Impulse coupling failure
94-01-03 R2	No	Ignition coils and rotating magnets
94-06-09	No	SC-20, SC-200 & S-1200 series, capacitors

<u>Effective</u>	<u>Remarks</u>
10/11/1973	Not Applicable – Superseded
12/24/1974	Not Applicable – by Model and Part Numbers
6/14/1983	Not Applicable – by Model and Part Numbers
6/28/1995	P/C/W – All Mags overhauled 6-16-07
5/20/1994	P/C/W – All Mags overhauled 6-16-07

<u>Bendix/King</u>	<u>Rec</u>	<u>Subject</u>
98-14-03	No	KT 76A ATC transponders

<u>Effective</u>	<u>Remarks</u>
8/16/1998	

<u>Champion</u>	<u>Rec</u>	<u>Subject</u>
77-12-05	No	CH48109 Internal bypass valve failure

<u>Effective</u>	<u>Remarks</u>
5/12/1978	Not Applicable – by Manufacturing Date Codes

<u>Narco</u>	<u>Rec</u>	<u>Subject</u>
77-02-08	Yes	Battery lead breakage

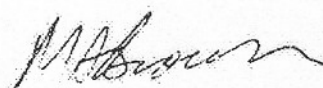
<u>Effective</u>	<u>Remarks</u>
2/1/1977	Terminated – by ELT-10 Battery Replacement Date

<u>Stewart-Warner</u>	<u>Rec</u>	<u>Subject</u>
81-09-09	Yes	Combustion heater deterioration

<u>Effective</u>	<u>Remarks</u>
5/8/1981	Recurring each 250hrs & 1000hrs – See Aircraft Records

1-Feb-2007

Reviewed Airworthiness Directives.

  
Michael S. Brown A&P565719918AI

I CERTIFY THE ALTIMETER, STATIC SYSTEM, PRESSURE  
ALTITUDE REPORTING SYSTEM, AND TRANSPONDER HAS  
BEEN TESTED AND INSPECTED AND FOUND TO COMPLY  
WITH FAR 91.411 APP. E AND FAR 91.413, APP. F OF PART 43.

ALTIMETER TESTED TO: 20,000 FT.

DATE: 2-15-07

SIGNATURE: RS-Field

SKY WEST INSTRUMENTS FAA REP.

STA. # AK4R053M

CABLE AIRPORT UPLAND, CA 91786

N5245C



01 March 2008

## Airframe Log Entry

N5245C

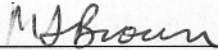
Hobbs:	4576.70	Airframe TT:	8673.00	ELT Battery TT (sec):	27 s
Left Tach:	"Hobbs"	Left Engine TT:	3971.90	Left Engine TSMOH:	2084.60
		Left Prop TT:	3971.90	Left Prop TSMOH:	1611.10
Right Tach:	"Hobbs"	Right Engine TT:	3971.90	Right Engine TSMOH:	378.50
		Right Prop TT:	3971.90	Right Prop TSMOH:	461.50
Heater Hobbs:	1331.90	Heater TT:	1331.90	Heater TSMOH:	306.20
Altimeter Due: (FAR 91.411)	Feb 09	Transponder Due: (FAR 91.413)	Feb 09	ELT Battery Due:	Mar 08

**Note: The aircraft flew 100 hours yet the Heater Hobbs indicated 141 hours of operation. The**  
Performed Annual/100 hr inspection in accordance with FAR 43 Appendix D and Cessna 310R Service

Complied with **AD 81-09**, Amendment 39-4102, dated 05/08/1981, Southwind Heater 250 Hour Inspection as per Par(A), no defects observed, Next Compliance Due at 1439.55 Heater Total Time. **AD 81-09-09**, Amendment 39-4102, dated 05/08/1981, Southwind Heater 1000 Hour Inspection as per Par(B) due at at 2025.7 Heater Total Time.

Performed ELT transmission and impact test as per Part 91.207(d), with 27 seconds TT, battery expires March 31, 2008.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN

  
Michael S. Brown A&P565719918AI

**Harold Haskins, Inc.**

Aircraft Heater Services  
116 Race Track Rd.  
Dothan, AL 36303  
USA

FAA Repair Station

Voice: 334-983-5185 or 3189

Fax: 334-983-4770

Email: hhi1967@centurytel.net

Website: haroldhaskinsinc.com

# INVOICE

Invoice Number: 33849

Invoice Date: Jun 17, 2008

Page: 1

**Bill To:**

BRFLYERS, LLC  
8960 W. Cheyenne #190  
Las Vegas, NV 89129

**Ship to:**

BRFLYERS, LLC  
8960 W. Cheyenne #190  
Las Vegas, NV 89129

Customer ID	Customer PO	Payment Terms	
BRF001	N5245C	Prepaid	
Sales Rep ID	Shipping Method	Ship Date	Due Date
	UPS GROUND	6/17/08	6/17/08

Quantity	Item	Description	Serial Number	Unit Price	Amount
2.00	OVERHAUL-COMP.	P/N: 722897 Fuel Pump & Blower Assembly		75.00	150.00
1.00	705272	Actuator, Diaphragm		90.00	90.00
1.00	735736	Kit, Fuel Pump Valve		27.19	27.19
1.00	714894	Shaft, Cam		36.75	36.75
1.00	735103	Bearing		15.21	15.21
2.00	718856	Bearing, Ball		27.75	55.50
1.00	735405	Coupling Kit, Fuel Pump		20.06	20.06
2.00	722058	Plug, Rubber		4.50	9.00

Check/Credit Memo No: 33849

Subtotal	403.71
Sales Tax	
Freight	11.17
Total Invoice Amount	414.88
Payment/Credit Applied	414.88
<b>TOTAL</b>	<b>0.00</b>


Thank you for your business!

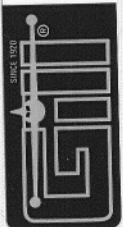
1. Approving National Aviation Authority / Country  FAA/United States		2.  <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number  3343	
4. Organization Name and Address: Harold Haskins, Inc. 116 Race Track Rd. Dothan, AL 36303-0911 U.S.A. ☎(334) 983-5185 ☎(334) 983-3189 FAX (334) 983-4770						5. Work Order / Contract / Invoice Number  33849	
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial / Batch Number	12. Status / Work	
1	Fuel Pump & Blower Assembly	722897	N/A	1	N/A	Overhauled	
13. Remarks Overhauled I/A/W South Wind Service Manual P/N: PM-35710. Functional Test O.K. ***END***							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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. IS4R269M	
17. Name (Typed or Printed)		18. Date (m/d/y):		22. Name (Typed or Printed) Harold Haskins		23. Date (mmm/dd/yyyy): JUN/17/2008	
<b>User/Installer Responsibilities</b> 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 ensure 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.							

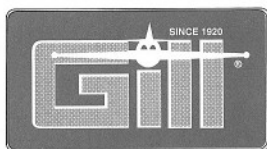
# The GILL Battery Log

**RECOMMENDED PRACTICES FOR  
TAKING THE BEST POSSIBLE CARE  
OF YOUR AIRCRAFT BATTERIES**

Battery Serial Number

 **G02366079**





The Original Equipment Aircraft Battery

INSTALLED  
6-26-08  
N5245C

**TELEDYNE BATTERY PRODUCTS**  
840 W. BROCKTON AVENUE  
REDLANDS, CA 92374  
[www.gillbatteries.com](http://www.gillbatteries.com)





# Airframe Log Book

N5245C  
S/N 310R1523  
Hobbs 4608.8  
TTAF 8705.1

Date 3/5/2008  
Manufacturer Cessna  
Model 310R

Installed Bose powered headset jacks kits p/n BAX-IK on right and left sides of instrument panel. Installed Momen PTT SPST switch in right yoke. See 337 form this date.

Paul Schulz AP / IA 3417346



# Airframe Log Book

N5245C  
S/N 310R1523  
Hobbs 4601.1  
TTAF 8697.4

Date 12/8/2008  
Manufacturer Cessna  
Model 310R

Performed an annual inspection IAW Cessna service and maintenance manual. Performed all service and lube items due. C/W FAR 91.207d by inspection of ELT. Batteries due 3/11. Removed right and left MLG and nose wheels. Inspected and serviced bearings. Inspected RAD9-18-1 vacuum system filter. Replaced right and left b3-5-1 filters. Checked and serviced battery. Serviced and bleed brake system. All ADs as of this date have been complied with. See AD compliance record. I certify that this airframe has been inspected IAW an annual inspection and is found to be in an airworthy condition.

Paul Schulz AP / IA 3417346

# Airframe Log Book

N5245C  
S/N 310R1523  
Hobbs 4601.1  
TTAF 8697.4

Date 12/7/2008  
Manufacturer Cessna  
Model 310R

Replace right and left side windows with P/Ns W/G 2101-250-RH, W/G 2101-250-LH, W/G-2096, W/G-2103 and W/G-2097-250. Polished windscreen and back window. Repaired damage to right and left nacelles by applying aluminum patches, See 337 forms this date. Replaced interior trim around door window and rear window with P/Ns K0811526-28, K0814217-2 and K0814217-3. Replaced fabric on all seats and side panels with new gray and black vinyl and swede. Replaced carpet with new gray cut pile carpet. All materials conform to FAR 25.853(b)AMD 32. Striped, cleaned, etched and repainted aircraft. Aircraft was painted with PTI Specialty Paints epoxy primer, and polyurethane top coat. Painted in Insignia White, Christian Eagle Blue, and Tennessee Red. All control surfaces are balanced IAW Cessna maintenance manual. Applied 3M 8674 6" wide clear tape to the leading edge of the wings and horizontal stabilizer. Weighed the aircraft and placed a new weight and balance form in the POH weight and balance section.

Paul Schulz AP / IA 3417346



**Impression antibourrage et à séchage rapide**  
**Utilisez le gabarit 5163®**

I certify that the Altimeter, Automatic altitude reporting, Static systems and ATC Transponder tests and inspections required by FAR 91.411 and 91.413 have been performed and found to comply with FAR Part 43, Appendix E and F.

The altimeter(s) were tested to 20,000 feet.

Sunrise Mountain Avionics

Repair Station SMCR379X WO No. WD3309

Inspector

Date

L. Brubaker

4-16-09

# Sunrise Mountain Avionics

2830 No. Rancho Drive  
Las Vegas, NV 89130  
Ph. (702) 314-0467  
Cell (702) 493-0828  
Repair Station # SMCR379X

WORK ORDER  
NO. W03309

DATE 04/03/09

I HEREBY AUTHORIZE THE LISTED WORK ALONG WITH THE NECESSARY MATERIALS. YOU MAY MAKE ALL NECESSARY CHECKS TO DETERMINE THE AIRWORTHINESS OF THIS UNIT. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE UNIT TO SECURE AMOUNT OF REPAIRS THERETO.

CUSTOMER NAME

ADDRESS

Telephone: Home

Business

Cell

Aircraft/Appliance Make

Model

Tail/Serial Number

Location

Scott Brooksby  
8960 W Cheyenne # 190  
Las Vegas, NV 89146

274-6700

Cessna

310R

N5245C

SS

WORK REQUESTED

X \_\_\_\_\_

1. Glideslope 1 inop.
2. Needs IFR cert

WORK ACCOMPLISHED

1. Verified complaint. Trouble shot to a bad KNS 80. Customer notified.
  2. Found static system leak rate to be out of limits. Tightened numerous fittings, replaced static system sump bottle and corrected incompatible plumbing connections to the bottle. Static system leak rate is now within limits.
- The Altimeter, Automatic altitude reporting, Static systems, and ATC transponder tests and inspections required by FAR 91.411 and 91.413 have been performed and found to comply with FAR Part 43, Appendix E and F.

MONEY RECEIVED

DATE

363.94

4-24-09

C.C.D.

Taxable Sales

\$22.22

\$0.00

\$0.00

\$0.00

\$22.22

Taxable Freight

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

TAXABLE TOTAL

\$22.22

SALES TAX

7.7500%

\$1.72

R.O. Labor / Loaner Fees

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

Non-Taxable Sales

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

Non-Taxable Freight

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

LABOR

\$85.00

PER/HR

4

\$340.00

The appliance, airframe, or aircraft identified above was repaired and inspected in accordance with current 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.

Date 4-16-09

Signature

*B. Brown*

Air carrier aircraft requiring log statement.

NA

Air carrier log statement complied with.

NA

TOTAL

\$363.94

TOTAL RECEIVED

\$0.00

NET DUE UPON RECEIPT

\$363.94

Revision 2

WO-001

**Sunrise Mountain Avionics**  
**2830 No. Rancho Drive**  
**Las Vegas, Nv. 89130**  
**Repair Station SMCR379X**

**WORK ORDER  
SUPPLEMENT**

S1 of 1

**NAME**  
**WORK ORDER  
NUMBER**

Scott Brooksby

W03309

PARTS & MATERIAL																
NOMENCLATURE				DESCRIPTION				PART NUMBER			RO LABOR	TAXABLE PARTS	NON-TAX PARTS	UNIT	QTY	SUBTOTAL
Fitting, Nylo-Seal				Insert (Nylon), 1/4T				264-N 04			\$0.00	\$5.83	\$0.00	ea	1	\$5.83
Fitting, Nylo-Seal				Tee, Union, 1/4T				259-N 04			\$0.00	\$1.19	\$0.00	ea	2	\$2.38
Fitting, Nylo-Seal				Sump, Static				S1258-1			\$0.00	\$14.01	\$0.00	ea	1	\$14.01
											\$0.00	\$0.00	\$0.00		0	\$0.00
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											\$0.00	\$0.00	\$0.00		0	\$0.00
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											\$0.00	\$0.00	\$0.00		0	\$0.00
											\$0.00	\$0.00	\$0.00		0	\$0.00
											\$0.00	\$0.00	\$0.00		0	\$0.00
											\$0.00	\$0.00	\$0.00		0	\$0.00
											\$0.00	\$0.00	\$0.00		0	\$0.00
											\$0.00	\$0.00	\$0.00		0	\$0.00
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											\$0.00	\$0.00	\$0.00		0	\$0.00
											\$0.00	\$0.00	\$0.00		0	\$0.00
											\$0.00	\$0.00	\$0.00		0	\$0.00
											\$0.00	\$0.00	\$0.00		0	\$0.00
											\$0.00	\$0.00	\$0.00			



Sunrise Mountain Avionics  
2830 No. Rancho Drive  
Suite A  
Las Vegas, Nv. 89130  
Repair Station SMCR379X

# Altimeter System Test

WO W 3309

Altitude Feet	Altimeter Reading		Tolerance +/- Feet	Friction		Tolerance +/- Feet	Altitude Encoder Reading		Tolerance +/- Feet
	Left	Right		Left	Right		# 1	# 2	
-1,000	-1000	-1000	20	N/A	N/A	N/A	-1.0		125
0	0	0	20	N/A	N/A	N/A	0.0		125
500	500	500	20	N/A	N/A	N/A	0.5		125
1,000	1000	1000	20	N/A	20	70	1.0	N/A	125
1,500	1500	1500	25	N/A	N/A	N/A	1.5	N/A	125
2,000	2000	1990	30	N/A	20	70	2.0		125
3,000	3000	2990	30	N/A	20	70	3.0		125
4,000	4020	3980	35	N/A	N/A	N/A	4.0		125
5,000	N/A	N/A	N/A	N/A	20	70	N/A		N/A
6,000	6020	5980	40	N/A	N/A	N/A	6.0		125
8,000	8000	7960	60	N/A	N/A	N/A	8.0		125
10,000	10000	9940	80	N/A	40	80	10.0	N/A	125
12,000	12000	11920	90	N/A	N/A	N/A	12.0	N/A	125
14,000	14010	13910	100	N/A	N/A	N/A	14.0		125
15,000	N/A	N/A	N/A	N/A	40	90	N/A		N/A
16,000	16000	15900	110	N/A	N/A	N/A	16.0		125
18,000	17980	17880	120	N/A	N/A	N/A	18.0	N/A	125
20,000	20020	19880	130	N/A	30	100	20.0	N/A	125
22,000			140	N/A	N/A	N/A			125
25,000			155			120			125
30,000			180			140			125
35,000			205			160			125
40,000			230			180			125
45,000			255	N/A	N/A	N/A			125
50,000	N/A	N/A	N/A	N/A	N/A	250	N/A		N/A

Hysteresis	Test Point	Feet		Tolerance
		Left	Right	
		50%	0 -50	+/- 75 Feet
	40%	0	-30	+/- 75 Feet

After Effect		Feet		Tolerance
		Left	Right	
		0	0	+/- 30 Feet

Altimeter Case Leak	Test Point	FPM		Tolerance
		Left	Right	
		18,000	0 0	+/- 100 FPM

System Leak		FPM		Tolerance
		Left	Right	
		Unpressurized	100 100	100 FPM with 1000 differential
	Pressurized		N/A	2 % at Max Cabin differential

Barometric Scale Error			Tolerance		+/- 25 Feet	
Pressure Ins of Hg	Altitude Difference	Error Feet L R	Pressure Ins of Hg	Altitude Difference	Error Feet L R	
28.10	- 1,727	HO 0	29.92	0		
28.50	- 1,340	0 0	30.50	+ 531	-10	0
29.00	- 863	0 0	30.90	+ 893	0	0
29.50	- 392	0 0	30.99	+ 974	0	0

Performed by [Signature] Date 4/16/09  
Inspected by [Signature] Date 4-16-09



# Sunrise Mountain Avionics

2830 No. Rancho Drive  
Las Vegas, NV 89130

Ph. (702) 314-0467

Cell (702) 493-0828

Repair Station # SMCR379X

WORK ORDER

NO. W03544

DATE 09/08/09

I HEREBY AUTHORIZE THE LISTED WORK ALONG WITH THE NECESSARY MATERIALS. YOU MAY MAKE ALL NECESSARY CHECKS TO DETERMINE THE AIRWORTHINESS OF THIS UNIT. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE UNIT TO SECURE AMOUNT OF REPAIRS THERETO.

CUSTOMER NAME

ADDRESS

Telephone: Home

Business

Cell

Aircraft/Appliance Make

Model

Tail/Serial Number

Location

PS Aviation LLC

Scott Brooksby

8960 W. Cheyenne, #190

Las Vegas, NV 89146

274-6700

Cessna

310R

N5245C / PA28-235

WORK REQUESTED

X

Install customer provided GNS 430W. Provide rack and install kit.

WORK ACCOMPLISHED

Removed King KN 53 Nav/Glideslope Receiver. Removed Bendix/King KR 87 ADF Receiver, KA 44B ADF Loop/Sense Antenna, and KI 227 ADF Indicator. Removed Apollo 360 GPS and Aero Antenna Technologies AT575 GPS Antenna

Installed Garmin GNS 430W GPSW / NavCom in accordance with the manufacturer's Installation Manual # 190-00356-02 Revision G, dated 12/16/08. This installation is in accordance with STC SA1933LA-D and this aircraft is listed on the AML.

Instructions for Continued Airworthiness in accordance with Garmin Document # 190-00356-65 Revision B dated 7/30/09.

FAA Approved Flight Manual Supplement # 190-00356-03 Revision B dated 7/31/2007 for the GNS 430W has been placed in the POH.

Installed Garmin GA 35 GPSW Antenna in accordance with Garmin STC Antenna Installation Manual # 190-00569-02 Revision F dated August 2007. This installation is in accordance with STC SA01695SE and this aircraft is listed on the AML.

Instructions for Continued Airworthiness in accordance with Garmin Document # 190-00673-01 Revision F dated 08-27-07.

MONEY RECEIVED

DATE


The appliance, airframe, or aircraft identified above was repaired and inspected in accordance with current 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.

Date \_\_\_\_\_

Signature \_\_\_\_\_

Taxable Sales	\$234.92	\$802.68	\$0.00	\$0.00	\$1,037.60
Taxable Freight	\$0.00	\$22.40	\$0.00	\$0.00	\$22.40
TAXABLE TOTAL					\$1,060.00
SALES TAX				8.1000%	\$85.86
R.O. Labor / Loaner Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Non-Taxable Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Non-Taxable Freight	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LABOR	\$85.00	PER/HR	34		\$2,890.00
TOTAL					\$4,035.86
TOTAL RECEIVED					\$0.00
NET DUE UPON RECEIPT					\$4,035.86

Air carrier aircraft requiring log statement.

Air carrier log statement complied with.

Removed King KN 53 Nav/Glideslope Receiver. Removed Bendix/King KR 87 ADF Receiver, KA 44B ADF Loop/Sense Antenna, and KI 227 ADF Indicator. Removed Apollo 360 GPS and Aero Antenna Technologies AT575 GPS Antenna

Installed Garmin GNS 430W GPSW / NavCom in accordance with the manufacturer's Installation Manual # 190-00356-02 Revision G, dated 12/16/08. This installation is in accordance with STC SA1933LA-D and this aircraft is listed on the AML.

Instructions for Continued Airworthiness in accordance with Garmin Document # 190-00356-65 Revision B dated 7/30/09.

FAA Approved Flight Manual Supplement # 190-00356-03 Revision B dated 7/31/2007 for the GNS 430W has been placed in the POH.

Installed Garmin GA 35 GPSW Antenna in accordance with Garmin STC Antenna Installation Manual # 190-00569-02 Revision F dated August 2007. This installation is in accordance with STC SA01695SE and this aircraft is listed on the AML.

Instructions for Continued Airworthiness in accordance with Garmin Document # 190-00673-01 Revision F dated 08-27-07.

The Garmin GNS 430W is mounted at the top of the radio stack. Circuit protection for the

This aircraft has been repaired in accordance with current 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 No. W03544

Signature

Date

Sunrise Mountain Avionics  
2830 N. Rancho Dr., Suite A  
Las Vegas, Nv. 89130  
Repair Station SMCR379X

L Brownberger

8-29-09

Com and GPS/Nav sections is provided by two Klaxon five Amp circuit breakers P/N 7277-2-5 located in the circuit breaker panel and labeled "Com 1" and "GPS Nav 1" respectively. The Com section is connected to the Comant CI-122 VHF Com Antenna added to the bottom at station 52. The CI 122 was mounted using a doubler fabricated from 2024T3 - 040 ant tied into structure on three sides. The Nav and Glideslope were connected to the existing Nav Coupler. The GPS was connected to the GA35 GPSW Antenna mounted on top of the fuselage at station 61. The GA35 was mounted using the existing doubler from the removed AT575 GPS Antenna. The Com audio input/outputs were connected to the "Com 1" audio input/outputs of the existing Electro data ASP310A Audio Panel. The existing Bendix/King KY 196 that had been "Com 1" was rewired to the "Com 3" audio input/outputs of the ASP310A. The Bendix/King KNS 80 Digital Area Nav/DME was rewired to be the "Nav 2" and connected to the Nav 2 audio input/outputs and drive the existing KI 204 Nav 2 Indicator and Autopilot when Nav 2 is selected. The GNS 430W was wired to drive the existing 1D832 HSI and the Autopilot when Nav 1 is selected.

Replaced lighting control transistor for the pilot's panel. Pilot's panel lighting operation now normal.

The Aircraft Equipment List has been revised. The Aircraft Weight and Balance has been updated to reflect current data.

This aircraft has been repaired in accordance with current 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 No. W03544

Signature

Date

Sunrise Mountain Avionics  
2830 N. Rancho Dr., Suite A  
Las Vegas, Nv. 89130  
Repair Station SMCR379X

L Brownberger

8-29-09

# Equipment List Revision

Aircraft Make:Cessna  
Serial #:310R1523

Model:310R  
FAA Reg #:N5245C

Sunrise Mountain Avionics  
CRS # SMCR379X  
Work Order #:W03544

Added	Removed	Manufacturer - Model - Description	Part Number	Serial Number	Wt Lbs	Arm Ins
	X	King - KN 53 - Nav-Glideslope Receiver	066-1067-00	3806	-3	10
	X	Bendix/King - KR 87 - ADF Receiver	066-1072-00	43312	-3	10
	X	AeroAntenna Technology - AT575 - GPS Antenna	AT575-9	16080	-0.5	61
	X	Bendix/King - KA44B - ADF Loop/Sense Antenna	071-1234-00	54644	-3.5	137
	X	King - KI 227 - ADF Indicator	066-3063-00	6551	-0.5	14
	X	Apollo - 360 - GPS	430-0256-00	1034903	-2.5	11
X		Comant - CI 122 - VHF Com Antenna	CI-122	203874	0.5	52
X		Garmin - GA 35 - GPSW Antenna	013-00235-00	52502	0.5	61
X		Garmin - GNS 430W - GPS/Nav/Com	011-01060-00	23400357	6.2	10
		Total Weight Change				
		Total Weight Change				
		Part Weight Change				
		New Empty Weight				
		Previous Weight				
		New Weight				
		Previous CG				
		New CG				

D Braunberger

Revised 24 September 2009

*D Braunberger*

Sheet 1 of 2

# Equipment List Revision

Aircraft Make:Cessna  
Serial #:310R1523

Model:310R  
FAA Reg #:N5245C

Sunrise Mountain Avionics  
CRS # SMCR379X  
Work Order #:W03544

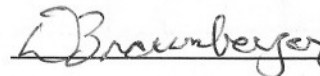
Added	Removed	Manufacturer - Model - Description	Part Number	Serial Number	Wt Lbs	Arm Ins

## Weight & Balance Revision

Total Weight Change	-5.8
Total Moment Change	-486
Previous Empty Weight	3819
New Empty Weight	3813.2
Previous Moment	195866
New Moment	195380
Previous CG	51.3
New CG	51.24

D Braunberger

Revised 24 September 2009



Sheet 2 of 2



**MAJOR REPAIR AND ALTERATION**  
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved  
OMB No. 2120-0020  
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark USA N5245C	Serial No. 310R1523	
	Make Cessna	Model 310R	Series
2. Owner	Name (As shown on registration certificate) P S Aviation LLC		Address (As shown on registration certificate) Address 831 Manor Shores Rd.
			City Henderson State NV
			Zip 89002-9157 Country USA

**3. For FAA Use Only**

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME		(As described in Item 1 above)	
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type Manufacturer		

**6. Conformity Statement**

A. Agency's Name and Address		B. Kind of Agency	
Name Sunrise Mountain Avionics		U. S. Certificated Mechanic	Manufacturer
Address 2830 N. Rancho Drive		Foreign Certificated Mechanic	C. Certificate No.
City Las Vegas State NV		<input checked="" type="checkbox"/> Certificated Repair Station	SMCR379X
Zip 89130 Country USA		Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>D. Brownberger</i> 9-29-09
--	--

**7. Approval for Return to Service**

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected					
BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport	
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)	
Certificate or Designation No. SMCR379X		Signature/Date of Authorized Individual <i>D. Brownberger</i> 9-29-09			



# NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. It is the responsibility of the owner to ensure that the aircraft is compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

USA N5245C

9-28-09

## 8. Description of Work Accomplished

Nationality and Registration Mark Jan

Removed King KN 53 Nav/Glideslope Receiver. Removed Bendix King KX 17 ADF Receiver, KA 44B ADF Loop/Sense Antenna, and KI 227 ADF Indicator. Removed Agustin 300 GPS and Aero Antenna Technologies AT575 GPS Antenna

Installed Garmin GNS 430W GPSW / NavCom in accordance with the manufacturer's Installation Manual # 190-00356-02 Revision G, dated 12/16/08. This installation is in accordance with STC SA1933LA-D and this aircraft is listed on the AML.

Instructions for Continued Airworthiness in accordance with Garmin Document # 190-00356-65 Revision B dated 7/30/09.

FAA Approved Flight Manual Supplement # 190-00356-03 Revision B dated 7/30/09 for the GNS 430W has been placed in the POH.

Installed Garmin GA 35 GPSW Antenna in accordance with Garmin STC Antenna Installation Manual # 190-00569-02 Revision F dated August 2007. This installation is in accordance with STC SA01695SE and this aircraft is listed on the AML.

Instructions for Continued Airworthiness in accordance with Garmin Document # 190-00675-01 Revision F dated 08-27-07.

The Garmin GNS 430W is mounted at the top of the radio stack. Circuit protection for the Com and GPS/Nav sections is provided by two Klaxon five Amp circuit breakers P/N 7277-2-5 located in the circuit breaker panel and labeled "Com 1" and "GPS Nav 1" respectively. The Com section is connected to the Comant CI-122 VHF Com Antenna added to the bottom at station 52. The CI 122 was mounted using a doubler fabricated from 2024T3 - 040 ant tied into structure on three sides. The Nav and Glideslope were connected to the existing Nav Coupler. The GPS was connected to the GA35 GPSW Antenna mounted on top of the fuselage at station 61. The GA35 was mounted using the existing doubler from the removed AT575 GPS Antenna. The Com audio input/outputs were connected to the "Com 1" audio input/outputs of the existing Electro data ASP310A Audio Panel. The existing Bendix/King KY 196 that had been "Com 1" was rewired to the "Com 3" audio input/outputs of the ASP310A. The Bendix/King KNS 80 Digital Area Nav/DME was rewired to be the "Nav 2" and connected to the Nav 2 audio input/outputs and drive the existing KI 204 Nav 2 Indicator and Autopilot when Nav 2 is selected. The GNS 430W was wired to drive the existing 1D832 HSI and the Autopilot when Nav 1 is selected.

The Aircraft Equipment List has been revised. The Aircraft Weight and Balance has been updated to reflect current data.

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA01933LA-D

*This certificate issued to* Garmin International, Inc.  
1200 East 151<sup>st</sup> Street  
Olathe, KS 66062

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23\* of the Federal Aviation Regulations.*

*Original Product - Type Certificate Number:* \*See attached Approved Model List (AML)  
*Make:* No. SA01933LA-D for list of approved aircraft  
*Model:* Models and applicable airworthiness regulations.

*Description of Type Design Change:* Installation of Garmin Model 400W / 500W Series GPS-WAAS Navigation System in accordance with FAA Approved Garmin 400W Series Master Data List, Drawing No.: 005-C0221-00, Revision "B", dated October 1, 2007, or later FAA approved revision; or FAA Approved Garmin 500W Series Master Data List, Drawing No.: 005-C0221-01, Revision "B", dated October 1, 2007, or later FAA approved revision. Use applicable FAA approved 400W Series Airplane Flight Manual Supplement, document No. 190-00356-03, Rev. "Original", dated November 20, 2007 or later FAA approved revision; FAA Approved 500W Series Airplane Flight Manual Supplement document No. 190-00357-03, Rev. "Original", dated November 20, 2007 or later FAA approved revision; or FAA approved Airplane Flight Manual supplement as defined in Master Data List 005-C0221-00 or 005-C0221-01 defined above.

*Limitations and Conditions:* This approval should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previous approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* January 31, 2006

*Date reissued:* July 31, 2009

*Date of issuance:* November 6, 2006

*Date amended:* November 20, 2007



*By direction of the Administrator*

*David G. Armstrong*  
(Signature)

David Armstrong  
ODA STC Unit Administrator  
ODA-240087-CE  
Garmin International, Inc.

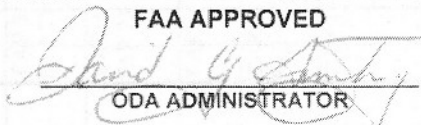
(Title)

**FAA Approved Model List (AML)**

**STC Number SA01933LA-D**

**Installation of Garmin 400W / 500W Series GPS-WAAS Navigation System**

**FAA APPROVED**



**ODA ADMINISTRATOR**

**ODA-240087-CE**

**Garmin International**

**1200 E. 151<sup>st</sup>, Olathe KA 66062**

Issued Date: November 6, 2006

Revised Date: July 31, 2009

# Sunrise Mountain Avionics

2830 No. Rancho Drive  
Las Vegas, NV 89130  
Ph. (702) 314-0467  
Cell (702) 493-0828  
Repair Station # SMCR379X

WORK ORDER  
NO. W03544

DATE 09/08/09

I HEREBY AUTHORIZE THE LISTED WORK ALONG WITH THE NECESSARY MATERIALS. YOU MAY MAKE ALL NECESSARY CHECKS TO DETERMINE THE AIRWORTHINESS OF THIS UNIT. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE UNIT TO SECURE AMOUNT OF REPAIRS THERETO.

CUSTOMER NAME  
  
ADDRESS  
  
Telephone: Home  
Business  
Cell  
Aircraft/Appliance Make  
Model  
Tail/Serial Number  
Location

PS Aviation LLC  
Scott Brooksby  
8960 W. Cheyenne, #190  
Las Vegas, NV 89146  
  
  
274-6700  
Cessna  
310R  
N5245C / PA28-235

WORK REQUESTED

X \_\_\_\_\_

Install customer provided GNS 430W. Provide rack and install kit.

WORK ACCOMPLISHED

Removed King KN 53 Nav/Glideslope Receiver. Removed Bendix/King KR 87 ADF Receiver, KA 44B ADF Loop/Sense Antenna, and KI 227 ADF Indicator. Removed Apollo 360 GPS and Aero Antenna Technologies AT575 GPS Antenna

Installed Garmin GNS 430W GPSW / NavCom in accordance with the manufacturer's Installation Manual # 190-00356-02 Revision G, dated 12/16/08. This installation is in accordance with STC SA1933LA-D and this aircraft is listed on the AML.

Instructions for Continued Airworthiness in accordance with Garmin Document # 190-00356-65 Revision B dated 7/30/09.

FAA Approved Flight Manual Supplement # 190-00356-03 Revision B dated 7/31/2007 for the GNS 430W has been placed in the POH.

Installed Garmin GA 35 GPSW Antenna in accordance with Garmin STC Antenna Installation Manual # 190-00569-02 Revision F dated August 2007. This installation is in accordance with STC SA01695SE and this aircraft is listed on the AML.

Instructions for Continued Airworthiness in accordance with Garmin Document # 190-00673-01 Revision F dated 08-27-07.

MONEY RECEIVED

DATE

Taxable Sales \$234.92 \$802.68 \$0.00 \$0.00 \$1,037.60

Taxable Freight \$0.00 \$22.40 \$0.00 \$0.00 \$22.40

TAXABLE TOTAL \$1,060.00

SALES TAX 8.1000% \$85.86

R.O. Labor / Loaner Fees \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Non-Taxable Sales \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Non-Taxable Freight \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

LABOR \$85.00 PER/HR 34 \$2,890.00

TOTAL \$4,035.86

Air carrier aircraft requiring log statement. NA

Air carrier log statement complied with. NA

TOTAL RECEIVED \$0.00

NET DUE UPON RECEIPT \$4,035.86

The appliance, airframe, or aircraft identified above was repaired and inspected in accordance with current 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.

Date 9-29-09

Signature *LBrunberger*



Sunrise Mountain Avionics

2830 No. Rancho Drive  
Las Vegas, Nv. 89130  
Repair Station SMCR379X

WORK ORDER  
SUPPLEMENT

NO. S1 of 3

CUSTOMER NAME

WORK ORDER NO.

DATE

PS Aviation LLC

W03544

09/28/09

WORK REQUESTED

WORK ACCOMPLISHED

The Garmin GNS 430W is mounted at the top of the radio stack. Circuit protection for the Com and GPS/Nav sections is provided by two Klixon five Amp circuit breakers P/N 7277-2-5 located in the circuit breaker panel and labeled "Com 1" and "GPS Nav 1" respectively. The Com section is connected to the Comant CI-122 VHF Com Antenna added to the bottom at station 52. The CI 122 was mounted using a doubler fabricated from 2024T3 - 040 ant tied into structure on three sides. The Nav and Glideslope were connected to the existing Nav Coupler. The GPS was connected to the GA35 GPSW Antenna mounted on top of the fuselage at station 61. The GA35 was mounted using the existing doubler from the removed AT575 GPS Antenna. The Com audio input/outputs were connected to the "Com 1" audio input/outputs of the existing Electro data ASP310A Audio Panel. The existing Bendix/King KY 196 that had been "Com 1" was rewired to the "Com 3" audio input/outputs of the ASP310A. The Bendix/King KNS 80 Digital Area Nav/DME was rewired to be the "Nav 2" and connected to the Nav 2 audio input/outputs and drive the existing KI 204 Nav 2 Indicator and Autopilot when Nav 2 is selected. The GNS 430W was wired to drive the existing 1D832 HSI and the Autopilot when Nav 1 is selected.

The Aircraft Equipment List has been revised. The Aircraft Weight and Balance has been updated to reflect current data.

SIGNATURE

*R. Browberger*

DATE

9-29-09



**Sunrise Mountain Avionics**  
**2830 No. Rancho Drive**  
**Las Vegas, Nv. 89130**  
**Repair Station SMCR379X**

**WORK ORDER  
SUPPLEMENT**

S2 of 3

**NAME**  
**WORK ORDER  
NUMBER**

Scott Brooksby

W03544

PARTS & MATERIAL												
NOMENCLATURE	DESCRIPTION				PART NUMBER		RO LABOR	TAXABLE PARTS	NON-TAX PARTS	UNIT	QTY	SUBTOTAL
Grommet	H - 0.188, G - 0.312, O-0438				MS35489-4		\$0.00	\$0.34	\$0.00	ea	1	\$0.34
Wire	Coax Cable				RG400		\$0.00	\$2.58	\$0.00	Per/Ft	7.9	\$20.38
Wire	Unshielded 10ga				MIL-W-22759/16 10Ga		\$0.00	\$0.72	\$0.00	Per/Ft	1	\$0.72
Terminal, Ring	Yellow, # 06, Amp				35149		\$0.00	\$0.27	\$0.00	ea	4	\$1.08
Aluminum	Sheet				2024T3		\$0.00	\$7.19	\$0.00	Sq/Ft	.5	\$3.60
Circuit Breaker	Klixon, .05 Amp, Pull Type				7277-2-5		\$0.00	\$25.08	\$0.00	ea	2	\$50.16
Connector, BNC	Amp, Male, 90 Degree, Dual Crimp				225974-1		\$0.00	\$24.40	\$0.00	ea	1	\$24.40
Connector, BNC	Amp, RG 142/400, Male, Dual Crimp				5225395-6		\$0.00	\$4.25	\$0.00	ea	6	\$25.50
Connector, Molex	0.062, 09 Pin, Plug, Hanging / Pins				03-06-2092-P		\$0.00	\$1.00	\$0.00	ea	1	\$1.00
Connector, Molex	0.062, 09 Pin, Receptacle, Hanging / Pins				03-06-1092-P		\$0.00	\$0.65	\$0.00	ea	1	\$0.65
Connector, Molex	0.062, 15 Pin, Plug, Hanging / Pins				03-06-2152-P		\$0.00	\$0.81	\$0.00	ea	1	\$0.81
Connector, Molex	0.062, 15 Pin, Receptacle, Hanging / Pins				03-06-1152-P		\$0.00	\$0.97	\$0.00	ea	1	\$0.97
Connector, TNC	AMP, RG 142, TNC, 90 Deg., Dual Crimp				525554-6		\$0.00	\$42.65	\$0.00	ea	1	\$42.65
Splice, Butt	Red, Amp				320559		\$0.00	\$0.60	\$0.00	ea	2	\$1.20
Terminal, Ring	Blue, # 08, Amp				320565		\$0.00	\$0.32	\$0.00	ea	2	\$0.64
Wire	1CS 22Ga				MIL-C-27500 1CS 22Ga		\$0.00	\$0.37	\$0.00	Per/Ft	40	\$14.80
Terminal, Ring	Red, # 06, Amp				36152		\$0.00	\$0.22	\$0.00	ea	10	\$2.20
Wire	2CS 22Ga				MIL-C-27500 2CS 22Ga		\$0.00	\$0.56	\$0.00	Per/Ft	62	\$34.72
Wire	3CS 22Ga				MIL-C-27500 3CS 22Ga		\$0.00	\$0.91	\$0.00	Per/Ft	10	\$9.10
NON-TAXABLE FREIGHT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	NON-TAXABLE FREIGHT TOTAL					\$0.00
TAXABLE FREIGHT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	TAXABLE FREIGHT TOTAL					\$0.00
							REPAIR ORDER LABOR TOTAL					\$0.00
							NON-TAXABLE PARTS TOTAL					\$0.00
							TAXABLE PARTS TOTAL					\$234.92

Revision

A

WOSUP&M-001

Sunrise Mountain Avionics  
2830 No. Rancho Drive  
Las Vegas, Nv. 89130  
Repair Station SMCR379X

WORK ORDER  
SUPPLEMENT

S3 of 3

NAME  
WORK ORDER  
NUMBER

Scott Brooksby  
W03544

PARTS & MATERIAL													
NOMENCLATURE		DESCRIPTION				PART NUMBER		RO LABOR	TAXABLE PARTS	NON-TAX PARTS	UNIT	QTY	SUBTOTAL
Wire		Unshielded 20Ga				MIL-W-22759/16 20Ga		\$0.00	\$0.21	\$0.00	Per/Ft	68	\$14.28
Wire		Unshielded 22Ga				MIL-W-22759/16 22Ga		\$0.00	\$0.12	\$0.00	Per/Ft	119	\$14.28
GNS 430W Install Kit		Rack				115-00243-02		\$0.00	\$32.40	\$0.00	ea	1	\$32.40
		GA 35 WAAS Antenna				013-00235-00		\$0.00	\$316.80	\$0.00	ea	1	\$316.80
		Connector Kit				011-00351-00		\$0.00	\$172.80	\$0.00	ea	1	\$172.80
		Back Plate				011-00676-00		\$0.00	\$68.40	\$0.00	ea	1	\$68.40
Antenna		Comant, VHF Com				CI-122		\$0.00	\$181.20	\$0.00	ea	1	\$181.20
Transistor		Lighting, pilot's panel				2N3055		\$0.00	\$2.52	\$0.00	ea	1	\$2.52
								\$0.00	\$0.00	\$0.00		0	\$0.00
								\$0.00	\$0.00	\$0.00		0	\$0.00
								\$0.00	\$0.00	\$0.00		0	\$0.00
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								\$0.00	\$0.00	\$0.00		0	\$0.00
								\$0.00	\$0.00	\$0.00		0	\$0.00
								\$0.00	\$0.00	\$0.00		0	\$0.0

1. GNS 430 button lighting inop 2. Nav 2 CDI lighting inop

1. Could not duplicate. GNS 430 button lighting operation is normal.

2. Verified complaint. Found lighting circuit in the Nav 2 CDI open.

Removed KI 204 # 2 CDI P/N 066-3034-02 S/N 12536 and found one of the internal bulbs burned out. Replaced lamp. Did a complete bench test, found to meet all mfg specs. Reinstalled in the aircraft, ground test good.

This aircraft has been repaired in accordance with current 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 No. W03652

Signature

Date

Sunrise Mountain Avionics  
2830 N. Rancho Dr., Suite A  
Las Vegas, Nv. 89130  
Repair Station SMCR379X

L. Brown 11-13-09



# Sunrise Mountain Avionics

2830 No. Rancho Drive  
Las Vegas, NV 89130  
Ph. (702) 314-0467  
Cell (702) 493-0828  
Repair Station # SMCR379X

WORK ORDER  
NO. W03652

DATE 11/13/09

I HEREBY AUTHORIZE THE LISTED WORK ALONG WITH THE NECESSARY MATERIALS. YOU MAY MAKE ALL NECESSARY CHECKS TO DETERMINE THE AIRWORTHINESS OF THIS UNIT. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE UNIT TO SECURE AMOUNT OF REPAIRS THERETO.

CUSTOMER NAME

ADDRESS

Telephone: Home

Business

Cell

Aircraft/Appliance Make

Model

Tail/Serial Number

Location

PS Aviation LLC

Scott Brooksby

8960 W. Cheyenne, #190

Las Vegas, NV 89146

274-6700

Cessna

310R

N5245C / PA28-235

WORK REQUESTED

X

1. GNS 430 button lighting inop
2. Nav 2 CDI lighting inop

WORK ACCOMPLISHED

1. Could not duplicate. GNS 430 button lighting operation is normal.
2. Verified complaint. Found lighting circuit in the Nav 2 CDI open. Removed KI 204 # 2 CDI P/N 066-3034-02 S/N 12536 and found one of the internal bulbs burned out. Replaced lamp. Did a complete bench test, found to meet all mfg specs. Reinstalled in the aircraft, ground test good.

MONEY RECEIVED

DATE

Taxable Sales

\$1.21

\$0.00

\$0.00

\$0.00

\$1.21

Taxable Freight

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

TAXABLE TOTAL

\$1.21

SALES TAX

8.1000%

\$0.09

R.O. Labor / Loaner Fees

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

Non-Taxable Sales

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

Non-Taxable Freight

\$0.00

\$0.00

\$0.00

\$0.00

\$0.00

LABOR

\$85.00

PER/HR

1

\$85.00

TOTAL

\$86.30

TOTAL RECEIVED

\$0.00

NET DUE UPON RECEIPT

\$86.30

The appliance, airframe, or aircraft identified above was repaired and inspected in accordance with current 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.

Date 11-13-09

Signature

*[Signature]*

Air carrier aircraft requiring log statement.

*NA*

Air carrier log statement complied with.

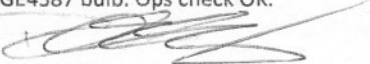
*NA*

## Airframe Log Book

N5245C  
S/N 310R1523  
Hobbs 4643.2  
TTAF 8739.5

Date 12/20/2009  
Manufacturer Cessna  
Model 310R

Removed and replaced taxi light with GE4587 bulb. Ops check OK.  
Paul Schulz AP / IA 3417346

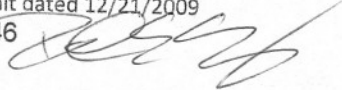


## Airframe Log Book

N5245C  
S/N 310R1523  
Hobbs 4643.2  
TTAF 8739.5

Date 12/21/2009  
Manufacturer Cessna  
Model 310R

This aircraft has been inspected and has been found safe for the intended flight in  
accordance with special Flight Permit dated 12/21/2009  
Paul Schulz AP / IA 3417346





01 January 2010		Airframe Log Entry		N5245C	
Hobbs:	4643.60	Airframe TT:	8739.90	ELT Battery TT (sec):	39 s
Left Tach:	"Hobbs"	Left Engine TT:	4038.80	Left Engine TSMOH:	2151.50
		Left Prop TT:	4038.80	Left Prop TSMOH:	1678.00
Right Tach:	"Hobbs"	Right Engine TT:	4038.80	Right Engine TSMOH:	445.40
		Right Prop TT:	4038.80	Right Prop TSMOH:	528.40
Heater Hobbs:	1356.40	Heater TT:	1331.90	Heater TSMOH:	306.20
Altimeter Due: (FAR 91.411)	Feb 11	Transponder Due: (FAR 91.413)	Feb 11	ELT Battery Due:	May 10
<p>Performed Annual Inspection in accordance with FAR 43 Appendix D and Cessna 310R Service Manual. Narco ELT-10 battery expires March 31, 2008. Performed successful <b>ELT</b> transmission and impact test as per Part 91.207(d) for installation, battery condition, control operation, impact sensor, and transmission strength.</p> <p>Replaced right and left brake caliper cylinder o-rings with part #MS28775-222 and replace left brake linings with Part #66-33.</p> <p><b>AD 81-09-09</b>, Amendment 39-4102, dated 05/08/1981, Southwind Heater 250 Hour Inspection as per Par(A), next Compliance Due at <b>1439.55 Heater Total Time</b>. <b>AD 81-09-09</b>, Amendment 39-4102, dated 05/08/1981, Southwind Heater 1000 Hour Inspection as per Par(B) due at at <b>2025.7 Heater Total Time</b>.</p> <p><b>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</b></p> <p style="text-align: right;"><i>MA Brown</i> Michael S. Brown A&amp;P565719918AI</p>					

Paul Schuiz AP / IA 341/346

20 February 2010 Airframe TT: 8740.9  
 Installed new alternator gaskets P/N# 629436  
 on ~~each~~ <sup>both</sup> alternators on each engine, Installed  
 new vacuum filter P/N# AM1035351A.  
 Replaced vacuum line from the shuttle valve to  
 the back of the artificial Horizon. Replaced  
 defective air pressure switch to Hobbs meter  
 with new P/N# MPL503. All work performed  
 by Owner Scott Brooksby under my supervision.  
 Michael S. Brown  
 AP 565719918

# Airworthiness Directive Compliance Snapshot

<u>Airframe</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
57-04-01	Yes	Aileron hinge	1/1/1957	N/A - by date of manufacture
72-03-07	No	Landing gear failure	2/9/1972	N/A - by date of manufacture
72-14-06 R1	Yes	Flexible hose assemblies	9/4/1981	N/A - by date of manufacture
73-07-07	No	Fuel hoses & electrical wiring chafing	4/6/1973	N/A - by date of manufacture
75-05-08	No	Superseded by 76-08-02	1/1/1975	N/A - Superseded
75-23-07	No	Emergency exit window	11/13/1975	N/A - by date of manufacture
76-04-03	Yes	ARC PA-500A actuators	2/26/1976	N/A - by date of manufacture
76-08-02 R2	No	Wing tip nose cap	1/31/1983	N/A - by date of manufacture
78-11-05	No	Autopilot actuator	6/5/1978	N/A - by Serial Number
80-13-14	No	Fuel flow transducer	7/22/1980	N/A - Not Installed
87-21-02 R1	No	Fuel filler openings	6/16/1989	P/C/W - Inspected, Restrictors installed
90-02-13	Yes	Main landing gear	2/5/1990	Terminated - Bearing #51411098-1 installed 7-8-99
97-01-13	No	P/N S51-10 hoses	2/3/1997	N/A - by inspection 1-8-99 TTAf 7627.3
98-04-28	No	AFM changes - icing conditions	3/13/1998	P/C/W - by inspection, warning in AFM

<u>Left Engine</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
79-05-09	No	Oil pressure indication	3/12/1979	N/A - by Engine Serial Number
80-01-04	No	Cylinder hold down flanges	1/25/1980	N/A - not rebarreled by Airmotive Engineering
81-24-06	Yes	Fuel pumps	11/23/1981	Terminated - by Pump Serial Number
86-13-04 R3	Yes	Cylinder assemblies	2/24/1988	N/A - by S/N or Date of Manufacture
87-23-08	Yes	Superseded by 97-26-17	11/30/1987	N/A - Superseded
88-03-06	No	Oil filter	4/15/1988	N/A - by type of oil filter
91-19-03	No	Oil filter elements	9/29/1991	N/A - by Filter Date Codes
93-10-02	No	Valve retainer key	8/12/1993	N/A - not Factory Rebuilt or Overhauled
93-16-15	No	Fuel pump	12/14/1993	P/C/W - on 5-31-1994
97-26-17 C1	Yes	Crank subsurface fatigue cracks	1/23/1998	DUE when Crank is removed from the Engine
98-01-08 L	No	STC SE8594SW-Exh roller rocker arm	1/15/1998	N/A - STC not Installed
98-17-11	No	Cranks srvc'd by Nelson Balancing	10/19/1998	N/A - not serviced by Nelson Balancing
98-17-11 C1	No	Cranks srvc'd by Nelson Balancing	10/19/1998	N/A - not serviced by Nelson Balancing
99-09-17 L	No	Superseded by 99-19-01	4/22/1999	N/A - Superseded
99-19-01	No	Crankshaft failure	9/30/1999	N/A - not overhauled during this time period
2000-08-51 E	No	Superseded by 2000-23-21	4/28/2000	N/A - Superseded
2000-23-21	No	Crank prop mount flange core sample	12/12/2000	N/A - not overhauled within period
2004-08-10	No	ECi cylinder failure	5/5/2004	N/A - Eci Cylinders not Installed
2009-16-03	Yes	Cracks - SAP investment cast cyl assy	9/9/2009	N/A - affected parts not installed
2009-19-07	Yes	Cracks - TCM EQ3 cylinders	10/7/2009	N/A - affected parts not installed

<u>Right Engine</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
79-05-09	No	Oil pressure indication	3/12/1979	N/A - by Engine Serial Number
80-01-04	No	Cylinder hold down flanges	1/25/1980	N/A - not rebarreled by Airmotive Engineering
81-24-06	Yes	Fuel pumps	11/23/1981	Terminated - by Pump Serial Number
86-13-04 R3	Yes	Cylinder assemblies	2/24/1988	N/A - by S/N or Date of Manufacture
87-23-08	Yes	Superseded by 97-26-17	11/30/1987	N/A - Superseded
88-03-06	No	Oil filter	4/15/1988	N/A - by type of oil filter
91-19-03	No	Oil filter elements	9/29/1991	N/A - by Filter Date Codes
93-10-02	No	Valve retainer key	8/12/1993	N/A - not Factory Rebuilt or Overhauled
93-16-15	No	Fuel pump	12/14/1993	P/C/W - on 5-31-1994
97-26-17 C1	Yes	Crank subsurface fatigue cracks	1/23/1998	DUE when Crank is removed from the Engine
98-01-08 L	No	STC SE8594SW-Exh roller rocker arm	1/15/1998	N/A - STC not Installed
98-17-11	No	Cranks srvc'd by Nelson Balancing	10/19/1998	N/A - not serviced by Nelson Balancing
98-17-11 C1	No	Cranks srvc'd by Nelson Balancing	10/19/1998	N/A - not serviced by Nelson Balancing
99-09-17 L	No	Superseded by 99-19-01	4/22/1999	N/A - Superseded
99-19-01	No	Crankshaft failure	9/30/1999	N/A - not overhauled during this time period
2000-08-51 E	No	Superseded by 2000-23-21	4/28/2000	N/A - Superseded
2000-23-21	No	Crank prop mount flange core sample	12/12/2000	N/A - not overhauled within period
2004-08-10	No	ECi cylinder failure	5/5/2004	N/A - Eci Cylinders not Installed
2009-16-03	Yes	Cracks - SAP investment cast cyl assy	9/9/2009	N/A - affected parts not installed
2009-19-07	Yes	Cracks - TCM EQ3 cylinders	10/7/2009	N/A - affected parts not installed

<u>Left Prop.</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
83-13-06	No	Counterweight bolts	7/5/1983	N/A - by Hub Serial Number
2003-13-17	No	Props serviced by T and W Props	7/18/2003	N/A - Not Serviced by T&W Propellers
2005-14-11	No	Blades serviced by So. Calif. Props	8/17/2005	N/A - Not Serviced by So. Ca. Prop. Svc

<u>Right Prop.</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
83-13-06	No	Counterweight bolts	7/5/1983	N/A - by Hub Serial Number
2003-13-17	No	Props serviced by T and W Props	7/18/2003	N/A - Not Serviced by T&W Propellers
2005-14-11	No	Blades serviced by So. Calif. Props	8/17/2005	N/A - Not Serviced by So. Ca. Prop. Svc

<u>Airborne</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
98-23-01	No	coupling	11/20/1998	N/A - by Serial Number

<u>Bendix - Mags</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
73-07-04	No	Superseded by 94-01-03	10/11/1973	N/A - Superseded
74-26-09	No	S-20,-200,-1200 Series Magnetos	12/24/1974	N/A - by Model and Part Numbers
82-20-01	No	Impulse coupling failure	6/14/1983	N/A - by Model and Part Numbers
94-01-03 R2	No	Ignition coils and rotating magnets	6/28/1995	P/C/W - All Mags overhauled 6-16-07
94-06-09	No	SC-20, SC-200 & S-1200 series, caps	5/20/1994	P/C/W - All Mags overhauled 6-16-07

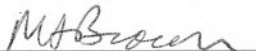
<u>Bendix/King</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
98-14-03	No	KT 76A ATC transponders	8/16/1998	N/A - by Serial Number (Mod 7 Compliant)

<u>Champion</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
77-12-05	No	CH48109 Internal bypass valve failure	5/12/1978	N/A - by Manufacturing Date Codes

<u>Narco</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
77-02-08	Yes	Battery lead breakage	2/1/1977	Terminated - by ELT-10 Battery Replacement Date


<u>Stewart-Warner</u>	<u>Rec</u>	<u>Subject</u>	<u>Effective</u>	<u>Remarks</u>
81-09-09	Yes	Combustion heater deterioration	5/8/1981	Due ea. 250hrs & 1000hrs - See Aircraft Records

1-Jan-2010 Reviewed Airworthiness Directives.

  
Michael S. Brown A&P565719918AI

## MAINTENANCE RELEASE

The aircraft and/or component identified on the reverse side was repaired and inspected in accordance with current FAA Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under

Work Order No. 44354 P.O. No. \_\_\_\_\_  
Date 1-28-10 Signed 

**AIRCRAFT QUALITY INSTRUMENTS, INC.**

Wichita, Kansas 67217 - U.S.A.

(316) 942-9933

FAA Certificate  
No. A2QR419J

**AIRCRAFT QUALITY INSTRUMENTS, INC.**

Wichita, Kansas 67217 - U.S.A.

(316) 942-9933

FAA Certificate

No. A2QR419J

Unit Name

Type

Overhauled By

Minor Rep./Alt. Work Order No.

By

Ser. No.

MFG.

Insp. by

Repairman

If Not overhauled fill out below.

This Unit Tested and Approved for Further Service.

By

Date



N 5245C



MERL, INC.  
P. O. BOX 188  
1777 NORTH COLONY ROAD  
MERIDEN, CONN. USA 06450  
203 237-8811

Sep 12

6-2670

4655.8

*Clifford*

3321625

INSTRUCTION SHEET FOR THE REPLACEMENT OF  
BP-1010 BATTERY PACK

TO SEPARATE

1. Put ON-OFF-ARM Switch in the OFF position.
2. Remove the ELT and Battery Pack from the mount.
3. Pull the Portable Antenna to the UP position.
4. Remove the four (4) screws that hold the Transmitter to the Battery Pack and separate the two.
5. Disconnect the Battery Pack wiring by pulling the Snap Connector away from the bottom of the Printed Circuit Board mating Connectors.
6. Apply a small amount of sealing material, as supplied, around the base of the Transmitter where it meets the Battery Pack.

TO REASSEMBLE

7. Connect the Battery Pack Snap Connector to the mating Connectors on the bottom of the Printed Circuit Board.
8. Place the Transmitter into the Battery Pack, (do not pinch wires) and replace the four (4) screws that were removed in step #4, above. If the four holes do not align, turn the Battery Pack 180 degrees and re-insert.
9. Place the Portable Antenna in its stowed position.
10. If applicable:
  - a. Reconnect the Co-Axial Cable lead to the Airframe Mounted Antenna to the mating connector on the front of the Transmitter.
  - b. Re-insert the separator between the antenna contact and the Portable Antenna.
  - c. If a Remote Unit is used, check security of leads.
11. Push "G" switch reset button and turn switch to ARM.

CAUTION-DO NOT DISPOSE OF EXPIRED BATTERY PACK IN FIRE!!!!!!

Inspect and document Turn Coordinator installation.

Inspected installation of customer installed Turn Coordinator P/N 1394T100-7Z S/N 9807-95. Found installation correct and ground test good. Verified Maintenance Release paperwork.

This aircraft has been repaired in accordance with current 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 No. W04199

Signature

Date

Sunrise Mountain Avionics  
2830 N. Rancho Dr., Suite A  
Las Vegas, Nv. 89130  
Repair Station SMCR379X

*L. Brainerd* 12-21-10

**AIRCRAFT QUALITY INSTRUMENTS, INC.**

Wichita, Kansas 67217 - U.S.A.

(316) 942-9933

FAA Certificate  
No. A2QR419J

Unit Name Turn Coordinator Ser. No. 9807-95  
Type 1394T100-7Z MFG. EJC  
Overhauled By \_\_\_\_\_ Insp. by DP  
Minor Rep./Alt. Work Order No. \_\_\_\_\_  
By \_\_\_\_\_ Repairman \_\_\_\_\_

If Not overhauled fill out below.  
This Unit Tested and Approved for Further Service.

By \_\_\_\_\_ Date \_\_\_\_\_

## MAINTENANCE RELEASE

The aircraft and/or component identified on the reverse side was repaired and inspected in accordance with current FAA Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under

Work Order No. 46561 P.O. No. \_\_\_\_\_

Date 11-29-10 Signed 

**AIRCRAFT QUALITY INSTRUMENTS, INC.**

Wichita, Kansas 67217 - U.S.A.

(316) 942-9933

FAA Certificate  
No. A2QR419J