

FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K
 LOG ID# 2620 31-March-2008 WO# 14157/1 REF# 14157 Document# FL13 AC TT 1357.3
 N1909S S/N 1909 SOCATA TB-20 Pg 1 / 1

Détails

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Particu

**** ITEM # 14157-1 KN-62A ****
 DISCREPANCY: Ground speed shows 0 Kts, TTS 0 / 99 min.
 Model: KN-62A Part#: 066-1068-01 Serial#: 29739
 ACTION: Removed DME from aircraft for bench check. Confirmed problem on bench. Traced problem to
 RVTTTS board. Found suppression output low in amplitude. Transistor Q307 and diode CR308
 connection shorted to ground. Traced problem to solder flow to ground. Removed solder.
 Suppression normal. Ground speed & TTS normal. Complete check of DME normal. Reinstalled DME in
 aircraft. All checks normal.

The aircraft identified was repaired and/or inspected in accordance with current Federal Aviation
 Administration regulations and is hereby approved for return to service with respect to work
 performed.

Mark N

3-31-08

DG2R767K MARK PLEDGER for Flite Electronics Date

FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K
 LOG ID# 2621 03-April-2008 WO# 14088/1 REF# 14088 Document# FL13 AC TT 1357.3
 N1909S S/N 1909 SOCATA TB-20 Pg 1 / 1

ACTION: Removed the following equipment: KX-165 Nav/Com, KLN-90B GPS, KA-92 GPS antenna.
 Installed the following equipment: Garmin GNS-430W GPS/NAV/COM, GA-35 GPS antenna. Installed
 GNS-430W interfaced to existing equipment, PMA-7000MS Audio panel, King KFC-150 Autopilot, KI-525a
 HSI, Skywatch TRC-497, WX-1000E Stormscope, King KN-62A DME. All equipment installed as per
 manufacturers instructions and as per AC 43.13-1B/2A. SEE 337 for details.

Model: GNS-430w Part#: 011-01060-00 Serial#: 23405872
 Model: GA-35 Part#: 013-00235-00 Serial#: 31474

The aircraft identified was repaired and/or inspected in accordance with current Federal Aviation
 Administration regulations and is hereby approved for return to service with respect to work
 performed.

Mark N

4-3-08

DG2R767K MARK PLEDGER for Flite Electronics Date

Dates	Temps de vol depuis la précédente opération d'entretien Duration of flight since last maintenance operation	Heures totales Hours since manufacture	Heures depuis entretien majeur Hours since major maintenance	Nombre d'atterrissages Number of landings	Motif de l'entretien Maintenance motive
<p>FLITE ELECTRONICS, INC. 4786 AIRPORT PKWY ADDISON, TX 75001-3363 DG2R767K LOG ID# 2645 25-April-2008 WO# 14152/1 REF# 14152 Document# FL13 AC TT 1359.0 N1909S S/N 1909 SOCATA TB-20</p> <p style="text-align: right;">Pg 1 / 1</p>					
<p>**** ITEM # 14152-1 WX-1000E **** DISCREPANCY: Stormscope Inop. Model: WX-1000E Part#: 78-8060-5941-2 Serial#: FEP06301190 ACTION: Removed WX-1000E processor from aircraft and shipped to factory for repair. Reinstalled WX-1000E in aircraft after factory repair. System ramp check normal.</p>					
<p>The aircraft identified was repaired and/or inspected in accordance with current Federal Aviation Administration regulations and is hereby approved for return to service with respect to work performed.</p>					
<p><i>Mark PL</i> 4-25-07 _____ DG2R767K MARK PLEDGER for Flite Electronics Date</p>					
<p>Date: 8/19/2008; Aircraft: N1909S; Type: Socota TB-20; S/N: 1909; Hobbs: 1975.30; Total Time: 1975.30; Engine - Type: LYCO IO540C4D5D, S/N: L26898-48A, Time: 1975.30</p>					
<p>Removed and inspected both brake calipers. Installed new Cleveland brake linings, resealed both brake calipers, serviced and bled the brakes.</p>					
<p>Date: <u>August 19 2008</u> Rolan Henley Aviation Managment Signed: <u><i>[Signature]</i></u> 5040 Warbird Dr. # 3 Cert. No: <u>452960310</u> Denton, Texas 76201 (972) 742-1437</p>					

6/16/03

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 08-583604	
4. Organization Name and Address: L-3 Communications Avionics Systems, Inc. Repair Station Certificate No. NN2R037L 5353-52 nd Street S.E Grand Rapids, Michigan 49512-9704				5. Work Order/Contract/Invoice No. 583604			
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/ Work:	
1	WX-1000E	78-8060-5941-2	N/A	1	FEP06301190	REPAIRED	
13. Remarks: RETURN TO SERVICE Unit complies with pertinent Airworthiness Directives and Service Bulletins. Unit was inspected, tested, and meets all specification requirements of Spec. No. 012-10291-001 Rev. A Rev Date: May/16/03 Work completed on Apr/14/08 by L. Nguyen For work details see Service Work Report # 583604 Note: This certifies that the work specified in Block 12/13 was carried out in accordance with EASA-145 and with respect to that work the aircraft component is considered ready for release to service under EASA Certificate Number EASA.145.4260.							
14. Certifies that 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 checked="" 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: <i>John G. Spielmaker</i>		21. Approval/Certificate No.: NN2R037L	
17. Name (Typed or printed):		18. Date (m/d/y):		22. Name (Typed or Printed): John G. Spielmaker		23. Date (m/d/y): APRIL 15, 2008	
<p align="center">User/Installer Responsibilities</p> <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>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.</p> <p>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.</p>							

Détails vérifications et travaux entretien – Révisions partielles ou générales

Modifications – Essais en vol

Particulars of inspections and maintenance – Minor or major overhauls

Modifications – Test flights

Cachet – Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

Clear Star Aviation
 4765 Frank Luke Drive
 Addison, TX 75001
 (972) 267-2376

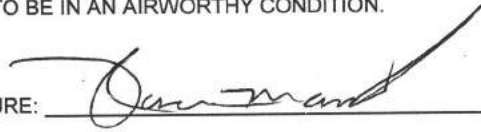
Date: 10/21/2008; Aircraft: N1909S; Type: Socata TB20; S/N: 1909; Tach: 1382.4; Total Time: 1382.4; Engine - Type: Lycoming, S/N: L-26898-48A, Time: 1382.4; Prop - Type: Hartzell, S/N: CH-33411B, Time: 1382.4
 Shop Order #: 1264

This Aircraft was inspected in accordance with an Annual inspection, FAR Part 43 Appendix D, in Scope and Detail of Items applicable to this particular Aircraft and Chapter 5 of the EADS Socata TB 20 Maintenance Manual, P/N ZOO.18010320E0R17. AD 2001-23-04, Lower rudder hinge bracket, was complied with in accordance with SOCATA Service Bulletin SB 10- 114 55, dated September 2000. Next due at 2000 hours total time, then re-inspect each 12 calendar months. AD 2003-04-03, aileron control gimbal joint, was complied with in accordance with Socata TB Aircraft Mandatory Service Bulletin SB 10-130 27, dated April 2002. Re-inspect each 100 hours. AD 2008-14-07, To prevent failure of the fuel injector fuel lines that would allow fuel to spray into the engine compartment, was complied with in accordance with Mandatory Service Bulletin No. 342E, dated May 18, 2004 . Re-inspect each 100 hours. The nose wheel races, P/N: 214-00300, and bearings, P/N: 214-00400 were replaced and packed. A landing gear hydraulic power pack AN fitting was found to be leaking. The fitting was removed, cleaned, inspected and re-installed with Tight Seal. The landing gear was operationally checked in both the emergency and normal modes. A cracked o-ring , P/N N7423550075, was replaced on the TKS filler cap. Engine baffling was sealed as needed with high temp RTV sealant. The ELT was tested in accordance with FAR 91.207(d). The battery expiration date is 09-2009. The primary and standby Vacuum pumps were inspected in accordance with the Tempest service letter SL-004-1, rear wear indicator inspection. Both pumps had no wear indication and the next recommended inspection is at 1000 hours pump time. Time now is 258.4. An AD search was performed; any new or recurring Ads were complied with and a summary was recorded and added to the permanent Aircraft records.

*Log entry
 dated 11-30-07*

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

SIGNATURE: _____



Russell Martin
 FAA REPAIR STATION 5CSR009B

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates	Temps de vol depuis la précédente opération d'entretien Duration of flight since last maintenance operation	Heures totales Hours since manufacture	Heures depuis entretien majeur Hours since major maintenance	Nombre d'atterrissages Number of landings	Motif de l'entretien Maintenance motive
11-7-2007	T- 1435.03	Changed oil and filter. Checked filter for contamination. Serviced Engine with 12 Q-TS Aeroshell ⁷⁰ 65W. Ran Engine, leak check good.			AP 2774600 J. M. Hill
11-10-2008	Tach 1435.5	Repaired Wire In left Wheel Well, Ops Check Good			WORK ORDER NO. 74548 SIGNED <u>E. White</u> FOR DAVID FLYING SERVICE, INC. F.A.A. APPROVED CRS# D2FR184J
11-19-08	1447.00 1447.00	Installed serviceable lower Comm 2			James J. Jones AP 3015266
11-21-08	1452.4	① REPLACED LEFT TIRE, INNER TUBE, BRAKE DISC ② REPLACED LEFT + RIGHT BRAKE LININGS ③ REPLACED RETURN SPRING ON RIGHT CO-PILOT BRAKE MASTER CYLINDER SHAFT ④ BLEED LH + RH BRAKE SYSTEMS WITH FRESH FLUID			Paul M. Koumo D2FR184J W/ 74587
12-06-08	1459.5	Replaced Electric ⁷⁰ Fuel Boost Pump switch.			J. M. Hill AP 2774600
12-8-08	1459.00	Reinstalled KK-155 Comm 2 after repair by Spencer Avionics WO:3787			James J. Jones AP 3015266 ENTRERED-IN-ERROR James J. Jones AP 3015266

Détails vérifications et travaux entretien – Révisions partielles ou générales

Modifications – Essais en vol

Particulars of inspections and maintenance – Minor or major overhauls

Modifications – Test flights

Cachet – Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N#1909S

Removed, repaired, reinstalled KX 155 p/n 069-1024-39, s/n 121552. Repaired com 2 radio rack. Installed Garmin GNS 430 software upgrade SB 0818 Rev A. main 3.11 and Waas 3.1. A/C ramp checked good.

-----**END**-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 1/8/09 HOBBS: 1472.1 WO#: 8729 SIGNED: *Sam White*

3606 Corben Ct. – Madison, WI 53704 - CSR No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

2-17-09 31.9 Replaced landing light bulb

James J. Johnson AP 3015266

N1909J

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG		3. SYSTEM TRACKING REG. NO:		
		US Department of Transportation Federal Aviation Administration		5. WORK ORDER, CONTRACT, OR INVOICE NO: 8729		
4. ORGANIZATION CRS # DBKR124D Wisconsin Aviation-Four Lakes, Inc. 3606 Corben Ct., Madison, WI 53704 Phone (608) 268-5006						
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
1	KX-155	069-1024-39	T/B/D	1	12552	Repaired
13. REMARKS Replaced NAC POT						
Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.						
14. New <input type="checkbox"/> Newly Overhaul <input 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 date and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 e Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.:	20. Authorization Signature: <i>[Signature]</i>		21. Certificate Number: DBKR124D	
17. Name (typed or printed):		18. Date:	22. Name (typed or printed): Brian R. Rose		23. Date: 1-9-09	
Airworthiness Approval Tag User/Installer Responsibilities						
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the under/installer before the aircraft may be flown. *Optional installer must cross check eligibility with applicable technical data.						

Dates	Temps de vol depuis la précédente opération d'entretien	Heures totales	Heures depuis entretien majeur	Nombre d'atterrissages	Motif de l'entretien
Dates	Duration of flight since last maintenance operation	Hours since manufacture	Hours since major maintenance	Number of landings	Maintenance motive
DATE 1-27-09	TACH 1482.1 TT 1482.1				① INSPECTED AIRCRAFT PER FAR PART 43 APPENDIX D CHECKLIST
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SEE AD LIST IN FOLDER FOR COMPLIANCE.					
WORK ORDER # 74709					
SIGNED PAUL M. KALLAND					
AP479885177					
BLUE SKIES OVER DUBUQUE, INC.					
					② REPLACED RIGHT BRAKE DISC
					③ SECURED NOSE AXLE RETAINING NUT
					④ SECURED NOSE STEERING STOP BOLT
					⑤ SECURED BRAKE RESERVOIR ATTACH BOLT
					⑥ SECURED LEFT MLG DOOR ROD
					⑦ SERVICED ALL 3 GEAR STRUTS WITH HYDRAULIC FLUID + NITROGEN
					⑧ SECURED LEFT GEAR LEG ATTACH BOLT
					⑨ PRESSURE LUBED PROP GOVERNOR CONTROL CABLE
					⑩ REPLACED TAIL NAV LIGHT BULB
					⑪ REPLACED FOAM VACUUM FILTER
					⑫ SECURED BELLY FUEL SUMP DRAIN
					⑬ SECURED LOOSE WIRING IN COCKPIT UNDER PANEL
					⑭ CHARGED UP AIRCRAFT BATTERY
					⑮ %w FAR 91.207(d) Insp. ELT RADIO OPERATION
					⑯ %w AD 03-04-03 Insp. AILERON GIMBAL JOINT
					⑰ INSTALLED MAINTENANCE HOBBS IN INSTRUMENT PANEL, AIR SWITCH IN LEFT OUTBOARD WING PROTECTED WIRING WITH 5 AMP FUSE. WEIGHT CHANGE NEGLIGIBLE Hobbs Time - 0000.0
					⑱ INSPECTED IGNITION SWITCH AD 76-07-13 N/A BY DATE CODE
					NEW Hobbs is TO BE USED TO RECORD MAINTENANCE TIME

Détails vérifications et travaux entretien - Révisions partielles ou générales
 Modifications - Essais en vol
 Particulars of inspections and maintenance - Minor or major overhauls
 Modifications - Test flights

Cachet - Signature réparateur
 Approbation pour remise en service
 Stamp and signature of overhauler
 Maintenance release

3-6-09 Replaced left Brake Pads,
 T-52.9

AP 2774600
 John M. Kiel

3-19-09 Maint Hobbs 63.7 Replaced left main tire

James S. Juhn AP 3015266

4-8-09 Maint Hobbs 87.2 Replaced landing light bulb

James S. Juhn AP 3015266

DATE 4-17-09 TACH 99.5 TT 1581.6
 I CERTIFY THIS AIRCRAFT HAS BEEN
 INSPECTED IN ACCORDANCE WITH A 100 HOUR
 INSPECTION AND WAS DETERMINED TO BE IN AIR-
 WORTHY CONDITION. SEE AD LIST IN FOLDERS
 FOR COMPLIANCE.
 WORK ORDER # 74915
 SIGNED Paul M. Kaune
 BLUE SKIES OVER DUBUQUE, INC.
 FAA REPAIR STATION #YQYR348B

- ① INSPECTED AIRCRAFT PER FAR PART 43 APPENDIX D CHECKLIST
- ② SERVICED MAIN STRUTS WITH NITROGEN
- ③ REPLACED RIGHT BRAKE LININGS
- ④ REPLACED O-RINGS IN FUEL DRAIN VALVE ON BELLY
- ⑤ REPLACED O-RINGS ON FUEL STRAINER BOWL

- ⑥ REPLACED FOAM VACUUM FILTER
- ⑦ CHARGED UP BATTERY
- ⑧ SECURED NOSE STEERING STOP BOLT
- ⑨ %w FAR 91.207 (d) Insp. ELT RADIO
- ⑩ %w AD 03-04-03 Insp. AILERON GIMBAL JOINT ✓good

N19095

- Replaced landing light

5-20-09 Matt Cohen

Tach 1660.34 Commercial 3233209

5-28-09 - Replaced left fuel cap retaining nut
 Maint Hobbs 136.6

James S. Juhn
 AP 3015266

Détails vérifications et travaux entretien - Révisions partielles ou générales
 Modifications - Essais en vol
 Particulars of inspections and maintenance - Minor or major overhauls
 Modifications - Test flights

Cachet - Signature réparateur
 Approbation pour remise en service
 Stamp and signature of overhauler
 Maintenance release

① INSPECTED AIRCRAFT PER FAR PART 43 APPENDIX D CHECK LIST

DATE 8-14-09 TACH 199.0 TT 1681.1

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SEE AD LIST IN FOLDER FOR COMPLIANCE.
 WORK ORDER # 75231

SIGNED Paul M. Kaurne
 BLUE SKIES OVER DUBUQUE, INC.
 FAA REPAIR STATION #YQY

② REPLACED RIGHT BRAKE LININGS

③ GREASED MAIN WHEEL BEARINGS, BALANCED WHEEL ASSY.

④ REPLACED NOSE GEAR UP LIFT RUBBER BUMPER

⑤ REPLACED CLEVIS PINS IN LEFT GEAR DOOR ROD

⑥ REMOVED PROPELLER, REPLACED ALTERNATOR BELT

INSTALLED PROPELLER NEW O-RING

⑦ REPLACED O-RINGS ON FUEL STRAINER BOUL ⑧ REPLACED VACUUM REGULATOR FOAM FILTER

⑨ CHARGED UP BATTERY ⑩ 9w AD 91-207 (d) Insp. ELT RADIO ⑪ 9w AD 23-04 Insp. Rudder Hinge

⑫ 9w AD 03-04-03 Insp. AILERON GIMBAL JOINT

9-19-2009 ① REPLACED ELT BATTERY, COMPLIED WITH FAR 91.207 (d).

T- 220.6 Next Replacement Due NOVEMBER 2011. AP 2774600

② BALANCED RIGHT MAIN WHEEL.

CUSTOMER University of Dubuque TYPE TB20 # 19095 Service Ceiling X
 Alt. Make limited P/N 5934P0-3 S/N 405463 Status X

Scale Error			Friction			Case Leak Test @18,000 ft.		Barometric Scale Error		
Setting	Alt.	Enc.	Alt.	Tol.	Alt.	Tol.	Act.	Pressure in. of Hg.	Alt. Diff.	Act. Reading
-1,000± 20	+20									
0± 20	+20					±100'	-30			
500± 20	0					Hysteresis Test 50% Test Point 5 to 15 minutes		28.10	-1727±25	-1725
1,000± 20	0		1,000	± 70	+5			28.50	-1340±25	-1340
1,500± 25	0							29.00	- 863±25	- 865
2,000± 30	0		2,000	± 70	+5	Tol.	Act.	29.50	- 392±25	-400
3,000± 30	0		3,000	± 70	+5	±75'	-10	29.92	0	0
4,000± 35	0		5,000	± 70		40% Test Point 5 to 15 minutes		30.50	531±25	535
6,000± 40	0					Tol..	Act.	30.90	893±25	900
8,000± 60	0					±75'	-10	30.99	974±25	975
10,000± 80	+10		10,000	± 80	+10	After Effect test not more than 5 minutes		Next check due <u>10-11</u>		
12,000± 90	+10							Date last check <u>9-07</u>		
14,000±100	0		15,000	± 90	+5	Tol.	Act.	W.O. number <u>M11358</u>		
16,000±110	+5					±30'	0	Date <u>10-01-09</u>		
18,000±120	+40					Pilots _____		Signed <u>[Signature]</u>		
20,000±130	+40		20,000	±100		Co-pilots <u>X</u>		Other _____		
22,000±140										
25,000±155			25,000	±120						
30,000±180			30,000	±140						
35,000±205			35,000	±160						
40,000±230			40,000	±180						
45,000±255										
50,000±280			50,000	±250						

CUSTOMER University of Dubuque TYPE TB20 NH 19098 Service Ceiling _____
 Alt. Make United P/N 5035 P-P-57 S/N 30548 Status _____

Scale Error			Friction			Case Leak Test @18,000 ft.		Barometric Scale Error		
Setting	Alt.	Enc.	Alt.	Tol.	Alt.	Tol.	Act.	Pressure in. of Hg.	Alt. Diff.	Act. Reading
-1,000± 20	+20					±100'	-30			
0± 20	+20									
500± 20	+20					Hysteresis Test		28.10	-1727±25	-1735
1,000± 20	0		1,000	± 70	+5	50% Test Point		28.50	-1340±25	-1350
1,500± 25	0					5 to 15 minutes		29.00	- 863±25	-875
2,000± 30	0		2,000	± 70	0	Tol.	Act.	29.50	- 392±25	-395
3,000± 30	0		3,000	± 70	0	±75'	-40	29.92	0	0
4,000± 35	0		5,000	± 70	+10	40% Test Point		30.50	531±25	520
6,000± 40	0					5 to 15 minutes		30.90	893±25	890
8,000± 60	-10					Tol..	Act.	30.99	974±25	965
10,000± 80	-30		10,000	± 80	+10	±75'	-10	Next check due <u>10-11</u>		
12,000± 90	-40					After Effect test not more than 5 minutes		Date last check <u>9-07</u>		
14,000±100	-45		15,000	± 90	+10	Tol.	Act.	W.O. number <u>M 11358</u>		
16,000±110	-45					±30'	0	Date <u>10-01-09</u>		
18,000±120	-45							Pilots <u>✓</u> Signed <u>[Signature]</u>		
20,000±130	-80		20,000	±100	+25			Co-pilots _____		
22,000±140								Other _____		
25,000±155			25,000	±120						
30,000±180			30,000	±140						
35,000±205			35,000	±160						
40,000±230			40,000	±180						
45,000±255										
50,000±280			50,000	±250						

MONTICELLO AVIATION Inc., Monticello, IA. 52310

Scale Corrections

S-N 30548

Altimeter Reads	Up	Down	After Effects 0		
			Altimeter Reads	Up	Down
- 1000	+20				
- 500	+20				
0	+20		14000	-45	
500	+20		16000	-45	
1000	0		18000	-45	
1500	0		20000	-80	
2000	0		22000		
3000	0		25000		
4000	0		30000		
6000	0		35000		
8000	-10	-10	40000		
10000	-30	-40	45000		
12000	-40		50000		

Date: 10-01-09

Tested by: *[Signature]*

MONTICELLO AVIATION INC., Monticello, IA. 52310

Scale Corrections

S-N 30548

Altimeter Reads	Up	Down	After Effects 0		
			Altimeter Reads	Up	Down
- 1000	+20				
- 500	+20	"			
0	+20		14000	0	
500	+20		16000	+5	
1000	0		18000	+40	
1500	0		20000	+40	
2000	0		22000		
3000	0		25000		
4000	0		30000		
6000	0		35000		
8000	+10	-10	40000		
10000	+10	-10	45000		
12000	+10		50000		

Date: 10-01-09

Tested by: *[Signature]*

Détails vérifications et travaux entretien – Révisions partielles ou générales

Modifications – Essais en vol

Particulars of inspections and maintenance – Minor or major overhauls

Modifications – Test flights

Cachet – Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

**The ATC Transponder Tests and Inspection
Required by FAR 91.413 were performed this
Date and found to comply with FAR 43
Appendix F.**

1. Make King Model KT76A S/N 121733

2. Make X Model X S/N X

Details of this inspection are on file at this

Facility under W.O. # M11358

Date 10-01-09 Signed [Signature]

Monticello Aviation

Monticello, IA CRS K02R959K

10-6-09
225.9 Hobbs

INSTALLED NEW PROPELLER GOVERNOR CONTROL CABLE AND
RIGGED TRAVEL.

SIGNED Paul M. Kaurne
Work Order # 75380
BLUE SKIES OVER DUBUQUE, INC.
FAA REPAIR STATION #YQYR343B

Maint Hobbs
10-28-09 242.9 Replaced landing light bulbs

James S Jenkins AP3015246

Dates	Temps de vol depuis la précédente opération d'entretien	Heures totales	Heures depuis entretien majeur	Nombre d'atterrissages	Motif de l'entretien
Dates	Duration of flight since last maintenance operation	Hours since manufacture	Hours since major maintenance	Number of landings	Maintenance motive
12-4-09	MAINT Hobbs 282.7				<p>① Replace right main landing gear tire</p> <p>② Replace right main landing gear wheel bearings</p> <p>③ Replace brake pads right main landing gear</p> <p>James Jenkins</p> <p>AP 2774600</p>
12-14-09	MAINT Hobbs 284.5				<p>Replace brake pads left main landing gear</p> <p>James Jenkins</p> <p>AP 2774600</p>
1-9-10	MAINT Hobbs 292.7				<p>Replaced landing light</p> <p>AP 2774600</p> <p>Model 2M</p> <p>Make S</p> <p>Details of this inspection are on file at this</p> <p>Facility under W.O. #</p> <p>Date signed</p> <p>Monticello Aviation</p> <p>Monticello, IA CR2 K03R80K</p>
1/14/2010	MAINT Hobbs 297.7				<p>Replaced Left main tire. Greased Left main bearings.</p> <p>Replaced Nose Tire. Greased Nose tire Bearings.</p> <p>John M. Kuhl</p> <p>AP 2774600</p>

Détails vérifications et travaux entretien - Révisions partielles ou générales

Cachet - Signature réparateur

Modifications - Essais en vol

Approbation pour remise en service

Particulars of inspections and maintenance - Minor or major overhauls

Stamp and signature of overhauler

Modifications - Test flights

Maintenance release

DATE 1-28-10 TACH 298.5 TT 1780.6
 I CERTIFY THIS AIRCRAFT HAS BEEN
 INSPECTED IN ACCORDANCE WITH A 100 HOUR
 INSPECTION AND WAS DETERMINED TO BE IN AIR-
 WORTHY CONDITION. SEE AD LIST IN FOLDER
 FOR COMPLIANCE.
 WORK ORDER # 75619

SIGNED Paul M. Kaurne
 BLUE SKIES OVER DUBUQUE, INC.
 FAA REPAIR STATION #YQYR343B

① INSPECTED AIRCRAFT PER FAR PART 43 APPENDIX D CHECKLIST

② REPLACED LOOSE RIVETS ON PILOT'S RUDDER PEDAL SUPPORT

③ REPLACED CAP ON THROTTLE FRICTION CONTROL SHAFT

④ SECURED LOOSE BOLTS ON R+L MLG FWD ATTACHMENT

⑤ SECURED NOSE STEERING STOP BOLT

⑥ SECURED NOSE WHEEL ON AXLE, BALANCED WHEEL ASSY.

⑦ REPLACED NAV LIGHTS AND TURN COORDINATOR CIRCUIT BREAKER SWITCHES ON CENTER COUNCIL

⑧ SECURED LOWER COWLING ATTACH BRACKETS WITH NEW SCREWS ⑨ CHARGED UP BATTERY

⑩ SECURED LOOSE BOLTS ON PILOT'S SEAT FRAME ATTACHMENT ⑪ REPLACED O-RINGS ON FUEL STRAINER BOWL

⑫ REPLACED VACUUM SYSTEM INLET, IN LINE AND REGULATOR FILTERS

⑬ REMOVED ELT RADIO FOR REPAIR (PLACARD PANEL)

⑭ %w AD 2003-04-03 INSPECTED AILERON GIMBAL FOR WEAR + SECURITY, REPAINTED INDEX LINES

January 29, 2010

Blue Skies Over Dubuque, Inc.

Manitowish
298.5

10800 Airport Road
Dubuque, IA 52003

N19095

Installed new ~~ELT Battery~~ (Due June 2011)

C/W FAR 91.207(d) Tested ELT Radio Operation.

Signed Paul M. Kaurne

FAA Repair Station #YQYR343B

Détails vérifications et travaux entretien - Révisions partielles ou générales

Cachet - Signature réparateur

Modifications - Essais en vol

Approbation pour remise en service

Particulars of inspections and maintenance - Minor or major overhauls

Stamp and signature of overhauler

Modifications - Test flights

Maintenance release

DATE 4-15-10 TACH 398.4 TT 1880.5 INSPECTED AIRCRAFT PER FAR PART 43 APPENDIX D CHECKLIST
 I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. SEE AD LIST IN FOLDER FOR COMPLIANCE.
 WORK ORDER # 75790
 SIGNED Paul M. Kanne
 BLUE SKIES OVER DUBUQUE, INC.
 FAA REPAIR STATION #YQYR343B

① REPLACED LEFT + RIGHT BRAKE DISC
 ② REPLACED O-RINGS IN LEFT + RIGHT BRAKE WHEEL CYLINDERS
 ③ SERVICED MAIN GEAR STRUTS WITH NITROGEN
 ④ SECURED LOOSE FLAP HINGE BOLTS
 ⑤ SECURED LEFT GEAR RETRACTION SWIVEL BEARING
 ⑥ SECURED NOSE WHEEL BEARINGS ON AXLE ⑦ REPLACED LOOSE RIVETS ON ELEVATOR SKIN
 ⑧ SECURED LOOSE LEFT NAV LIGHT LENS ⑨ REPLACED VACUUM REGULATOR FILTER
 ⑩ REPLACED O-RINGS ON FUEL STRAINER BOWL ⑪ SECURED AILERON TRIM CABLE TURNBUCKLE
 ⑫ CHARGED UP AIRCRAFT BATTERY ⑬ %WAD 03-04-03 Insp. AILERON GIMBAL FOR SECURITY
 ⑭ %WAD 01-23-04 Insp. Rudder Hinge

^{maint hobbs}
 4-15-10 399.7 Replaced fuel tank cap chain right side. James S Jenkin AP3015266
^{maint Hobbs}
 4-27-10 421.2 Replaced aircraft main battery relay James S Jenkin AP3015266

5-8-2010
^{maint Hobbs}
 477.1 Replaced left and right Brake Pads. Paul M. Kiel AP2774600

6-10-2010 ^{maint Hobbs} 483.0 Repaired Broken wire on fuel pressure switch. Paul M. Kiel AP2774600

Date: 6-30-2010
 Tach/Hobbs: 497.5
 Total Time: 1979.6



Repair Station # YQYR343B
 10800 Airport Road
 Dubuque, IA 52003
 563-582-1293

Motif de l'entretien
 Maintenance motive

1. Inspected aircraft per FAR Part 43 appendix D checklist.
2. Removed engine IO-540-C4D5D, s/n L-26898-48A
3. Installed overhauled engine IO-540-C4D5D, s/n L-20056-48E. (see engine logs for details.)
4. Reinstalled existing propeller with new o-ring.
5. Replaced right tire. Greased wheel bearings.
6. Replaced left gear up-stop bumper.
7. Secured loose bolts on main gear legs.
8. Removed, secured, reinstalled right gear retraction swivel.
9. Secured loose bolts on left gear retraction bracket.
10. Replaced bolts and bushings on elevator trim actuator.
11. Replaced o-rings on fuel strainer bowl.
12. Replaced vacuum regulator filter.
13. Charged up aircraft battery.
14. C/W FAR91.207(d) insp. ELT radio.
15. C/W AD2003-04-03 insp. Aileron gimbal.

I certify this aircraft has been inspected in accordance with an 100 hour inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order # 75961

Name: Paul Kaune

Signed: Paul M. Kaune

Certified Repair Station # YQYR343B

7-1-2010	Hobbs 500.1	INSPECTED OPERATION OF BOTH CABIN DOOR LATCHING HANDLES.	
		BOTH DOORS OPERATING PROPERLY.	
			SIGNED <u>Paul M. Kaune</u>
			Work Order # <u>75981</u>
			BLUE SKIES OVER DUBUQUE, INC. FAA REPAIR STATION #YQYR343B

Détails vérifications et travaux entretien – Révisions partielles ou générales

Cachet – Signature réparateur

Modifications – Essais en vol

Approbation pour remise en service

Particulars of inspections and maintenance – Minor or major overhauls

Stamp and signature of overhauler

Modifications – Test flights

Maintenance release

7-26-2010

TACH - 514.0

Replaced Right FRONT seat belt.

AP 2774600 J. K.

8-5-10

Mainthobbs 519.0

Replaced taxi light bulb

James S Jenkins AP 3015266

8-6-10 522.6

Replaced Autopilot switch

Replaced landing light bulb

James S Jenkins AP 3015266

Date: 8/23/2010
Hobbs/Tach: 539.3



1. Installed overhauled electric fuel pump from The Aviation Group WO# 34700, S/N 25692.
2. Operational check performed, no leaks noted.

Name: Paul Kaune
Signed: Paul M. Kaune
Work Order: # 76103
Blue Skies Over Dubuque, Inc.
FAA Repair Station #YQYR343B

PART OR MATERIAL CERTIFICATION FORM

ATA SPECIFICATION 106

2. Seller's Name: Socata Aircraft	3. Reference #: 1006525
---	-----------------------------------

4. Organization: Socata Aircraft Address: 7501 S. Airport Road Pembroke Pines, FL 33023 USA Ph: 954 893 1400,	Phone#: 954 893 1400 Fax#: SITA/Wire Cc Status:
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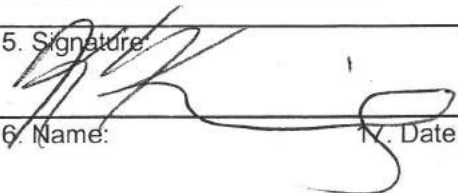
5A. Seller's Contract 14956037	5B. Buyer's PO 075864
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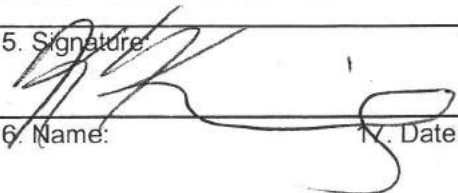
6.Item	7. Description	8. Manufacturer & Part Number	9.App Code	10.Qty	11. Serial/Batch	12.Status
1	BELT SEAT	TB1079013105 None Specified Control #11151-4		1.00		NE

13A. Remarks:

13B. Obtained From: SOCATA SAS	13C. Last Certificated Agency:
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14. New Parts/Material Verification: THE FOLLOWING SIGNATURE ATTESTS THAT THE PART(S) OR MATERIAL(S) IDENTIFIED ABOVE WAS (WERE) MANUFACTURED BY A FAA PRODUCTION APPROVAL HOLDER (PAH), OR TO AN INDUSTRY COMMERCIAL STANDARD.	18. Used, Repaired or Overhaul Parts Verification: THE FOLLOWING SIGNATURE ATTESTS THAT THE DOCUMENTATION SPECIFIED ABOVE OR ATTACHED IS ACCURATE WITH REGARD TO THE ITEM(S) DESCRIBED.
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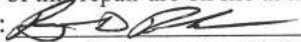
15. Signature: 	19. Signature:
---	----------------

16. Name: 	17. Date: 7/23/2010	20. Name:	21. Date: 7/23/2010
--	---------------------	-----------	---------------------

NOTICE: The above signature binds the seller and the SIGNER to the accuracy of the information provided in the FORM. Should the information provided in this Form contain inaccuracies or misrepresentations, the signer and SELLER may be liable for damages and be subject to criminal prosecution under state and federal law.

N1909 - (R) Front seat belt / pilot restraint assy.
7-26-10
514-P

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates	Temps de vol depuis la précédente opération d'entretien	Heures totales	Heures depuis entretien majeur	Nombre d'atterrissages	Motif de l'entretien
Dates	Duration of flight since last maintenance operation	Hours since manufacture	Hours since major maintenance	Number of landings	Maintenance motive
1-11-2011	Maint Hobbs 640.0	Removed and reinstalled	directional gyro flux valve (remote compass),		
		slave switches and HSI	for troubleshooting. Placarded Heading		
		Indicator inoperative.			James Seubert AP3015266
W.O. AV-1395 N1909S MAINT HOBBS: 604.9 1/14/2011				Eastern Iowa Avionics Eastern Iowa Airport 3411 Beech Way SW Cedar Rapids, IA 52404 Repair Station # ZSER281T	
LOG ENTRY					
<p>Replaced FF32 HSI Motor Drive 1 and 2 wire between the HSI and RMI. Also removed KX155, P/N 069-1024-39, S/N 121552 and replaced display. Re-installed in aircraft and ramp tested – satisfactory.</p> <p>Details of this repair are on file at this facility under W.O. # <u>AV-1222</u></p> <p>Signed:  _____</p> <p>Repair Station Certificate no. ZSER281T</p>					
1-24-2011	Maint Hobbs 646.1	Replaced landing light bulb.			Tiffany Brane AP 3527990
1-24-2011	Maint Hobbs 646.1	Replaced Left and Right brake pads.			Tiffany Brane AP 3527990

Date: 2/4/2011
Tach/Hobbs: 646.1



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

1.Installed new prop governor control cable assy.
2.Repaired tanis heat wiring.
Work Order #76480
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

Cachet - Signature réparateur
Approbation pour remise en service
Stamp and signature of overhauler
Maintenance release

Date: 2/10/2011
Tach/Hobbs: 651.3



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

1.Removed belly access panel. Trouble shoot inop flap motor. Cleaned limit switches on flap motor. Installed panel.
Flap operational tests check good.
Work Order #76491
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

Date: 3/15/2011
Tach/Hobbs: 674.6



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

1.Installed new right gear down limit switch. Gear retraction tests check good.
2.Replaced left tire. Greased bearings. Aero Wheel W/O#156348.
Work Order #76554
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

3-30-11 688.2 Replaced landing light bulb. Tiffany Brane AP3527990

Date: 4/6/2011
 Tach/Hobbs: 694.7
 Total Time: 2176.8



Repair Station # YQYR343B
 10800 Airport Road
 Dubuque, IA 52003
 563-582-1293

ID

1. Inspected aircraft per FAR Part 43 appendix D checklist.
2. Installed new nose gear lower retraction leg. Adjusted down limit switch. Secured loose retraction link bolts.
3. Removed right gear retraction link swivel, secured stud bearing, reinstalled swivel on gear.
4. Serviced main gear struts with hydraulic fluid & nitrogen. 5. Greased nose wheel bearings.
6. Secured control cables on engine mount. 7. Replaced taxi light circuit breaker switch. 8. Charged battery.
9. Secured loose right door trim. 10. Resealed antenna on cabin roof. 11. C/W FAR 91.207(d), tested ELT radio.
12. Secured loose pin release arm on pilot's seat frame. 13. Repaired lower cowling with fiberglass cloth & resin.
14. C/W AD2003-04-03 inspected aileron gimbal. 15. C/W AD2001-23-04 inspected lower rudder hinge.

Motif de l'entretien
 Maintenance motive

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order # 76598

Name: Paul M. Kaune

Signed: Paul M. Kaune
 Certified Repair Station # YQYR343B

4-15-2011	703.6	Replaced brake pads Left MLE.	Tiffany Brune AP3527990
4-30-2011	710.3	Replaced Landing light bulb.	Tiffany Brune AP3527990
5-11-2011	725.0	Replaced Landing light bulb.	Tiffany Brune AP3527990
5-18-2011	726.9	Replaced brake pads Right MLE.	Tiffany Brune AP3527990
6-8-2011	738.5	Replaced ELT battery. Complied with 91.207(d). Next due: March 2013	Tiffany Brune AP3527990
6-28-2011	748.5	Replaced Landing light bulb.	Tiffany Brune AP3527990
7-8-2011	767.7	Replaced brake disc and repacked wheel bearings on the Right wheel.	Tiffany Brune AP3527990
7-8-2011	767.7	Replaced Right main tire.	Tiffany Brune AP3527990

Détails vérifications et travaux entretien – Révisions partielles ou générales	Cachet – Signaturé réparateur
Modifications – Essais en vol	Approbation pour remise en service
Particulars of inspections and maintenance – Minor or major overhauls	Stamp and signature of overhauler
Modifications – Test flights	Maintenance release

7-16-11 779.6 Replaced nose tire and repacked bearings. *Tiffany Brane AP3527990*

7-18-11 780.3 Replaced left tire and left brake pads.
 Repacked left wheel bearings. *Tiffany Brane AP3527990*

7-26-11 785.0 Replaced landing light bulb *James Seubert AP3015266*

Date: 8/4/2011
 Tach/Hobbs: 794.0
 Total Time: 2276.1



Repair Station # YQYR343B
 10800 Airport Road
 Dubuque, IA 52003
 563-582-1293

1. Inspected aircraft per FAR Part 43 appendix D checklist.
2. Replaced left brake disc & lining shim. 3. Secured nose wheel on axle. 3. Serviced main struts with nitrogen.
4. Replaced vacuum system inlet filter, pump inlet filter & regulator foam filter. 5. Charged up battery.
6. Secured aft elevator rod end check nut. 7. Replaced o-rings on fuel strainer bowl. 8. C/W FAR 91.207(d) inspected ELT radio operation. 9. C/W AD2003-04-03 inspected aileron gimbal for security.

I certify this aircraft has been inspected in accordance with an 100 hour inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order # 76863
 Name: Paul M. Kaune

Signed: *Paul M. Kaune*
 Certified Repair Station # YQYR343B

Date 11-2-2011 Aircraft Hours 871.1

I certify that the altimeter and static system tests required by 14 CFR 91.411 and transponder tests, including data correspondence, required by 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

LH Altimeter Model KEA 130A Transponder Model KT-76A
S/N 03546 S/N 121733
RH Altimeter Model 5934PD-3 Transponder Model _____
S/N 405463 S/N _____

Encoder/A.D.C. Model _____ S/N _____

The altimeter was tested to 20,000 feet on 11-1-2011.
The transponder was tested on 11-1-2011.
Encoder data correspondence was tested to 20,000 feet on 11-1-2011.
Static system leak tested on 11-1-2011.

Signed S.W. Sei

Work Order # 77112
Blue Skies Over Dubuque, Inc.
FAA Repair Station #YQYR343B

Signature réparateur
pour remise en service
and signature of overhauler
Maintenance release

- 11-4-11 873.3 ① Replaced Right main tire and tube.
- ② Repacked Right wheel bearings.
- ③ Replaced all brake pads. Tiffany Buene AP3527490
- 11-30-11 889.7 Replaced nose gear down indicator light bulb. Tiffany Buene AP3527490

Blue Skies Over Dubuque, Inc.
 10800 Airport Road
 Dubuque, Iowa 52003
 FAA Repair Station YQYR343B

Altimeter Make Bendix / King Pilot's
 Model KEA 130A
 S/N 03546

Test Altitude in Feet	Reading	Tolerance +/- (feet)	HYSTERESIS/TEST TOLERANCES		Tolerance (feet)
			Reading		
-1000	+10	20			
0	0	20	Case leak Test	-20	100
500	+10	20	Hysteresis Test		75
1000	+5	20	First TP, 50% of Max	+20	
1500	+5	25	Hysteresis Test		75
2000	+5	30	First TP, 40% of Max	+25	
3000	+5	30	After Effect		30
4000	+10	36	Kollsman Window Calibration		
6000	+20	40			
8000	+15	60	Pressure		Altitude
10000	+20	80	Setting in	Reading	Difference
12000	+40	90	In./Hg.		(feet)
14000	+40	100	28.10	-8	-1727
16000	+50	110	28.50	-10	-1340
18000	+60	120	29.00	-2	-863
20000	+50	130	29.50	-13	-392
22000	140	140	29.92	0 (ref)	0
25000	155	155	30.50	-16	531
30000	180	180	30.90	+7	893
35000	205	205	30.99	+6	974
40000	230	230	W/O No	77112	Date 11-2-2011

Blue Skies Over Dubuque, Inc.
 10800 Airport Road
 Dubuque, Iowa 52003
 FAA Repair Station YQYR343B

Altimeter Make United Instruments Co-Pilot's
 Model 5934 P0 -3
 S/N 405463

Test Altitude in Feet	Reading	Tolerance +/- (feet)	HYSTERESIS/TEST TOLERANCES		Tolerance (feet)
			Reading		
-1000	+5	20			
0	+10	20	Case leak Test	-20	100
500	+10	20	Hysteresis Test		75
1000	+5	20	First TP, 50% of Max	+10	
1500	+5	25	Hysteresis Test		75
2000	+10	30	First TP, 40% of Max	+5	
3000	+10	30	After Effect		30
4000	+20	36	Kollsman Window Calibration		
6000	+30	40			
8000	+35	60	Pressure		Altitude
10000	+50	80	Setting in	Reading	Difference
12000	+80	90	In./Hg.		(feet)
14000	+90	100	28.10	-8	-1727
16000	+110	110	28.50	+5	-1340
18000	+110	120	29.00	-17	-863
20000	+125	130	29.50	+17	-392
22000	140	140	29.92	0 (ref)	0
25000	155	155	30.50	+9	531
30000	180	180	30.90	+3	893
35000	205	205	30.99	+11	974
40000	230	230	W/O No	77112	Date 11-2-2011

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates Date: 12/6/2011
Tach/Hobbs: 893.7
Total Time: 2375.8



Repair Station # YQYR343B
10800 Airport Road
Dubuque, IA 52003
563-582-1293

l'entretien
nce motive

1. Inspected aircraft per FAR Part 43 Appendix D checklist.
2. Replaced nose gear up stop bumper.
3. Secured nose wheel axel nut.
4. Replaced 2ea nose gear door rivets.
5. Secured and lubed nose gear strut top attach bolts.
6. Replaced o-rings in left brake wheel cylinder, bled system.
7. Repaired bonding strap on lower rudder.
8. Charged up aircraft battery.
9. Replaced o-rings on fuel strainer bowl.
10. Replaced vacuum regulator filter.
11. C/W AD2003-04-03 inspected security of aileron gimbal.
12. C/W AD2001-23-04 inspected lower rudder hinge.
13. C/W FAR 91.207(d) inspected ELT radio.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order # 77186
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

12-10-11	899.5	Removed and replaced re-installed left main wheel.	Jiffaw/Bone AP3527990
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Date: 1/9/2012
Tach/Hobbs: 901.4



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

1. Replaced left main gear down lock microswitch.
2. Replaced left main gear down lock indicator bulb.
3. Removed and reinstalled propeller S/N CH37288B after overhaul by Aircraft Propeller Service Inc, CRS #EY2R811K. See W/O #104016.

Work Order #77206
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

Maint hobbs: 901.4
Flight hobbs: 2701.1
ACTT: 2383.5
Prop Total Time: 2383.5
Prop Time SMOH: 0.0

Capital Avionics, Inc. (CEW-Component)

FAA CRS NS4R399M
5749 John Givens Road
Crestview FL 32539




Tel: 850-306-3132 Fax: 850-306-3121



info@capitalavionics.com
www.capitalavionics.com

TEAR DOWN REPORT

Page: 1 Of 1

<p>.....</p>	<p>W/O No.  13191</p> <p>P/N  065-0042-15</p> <p>S/N  1967</p>
--------------	--

For Customer : PS Air	Line No. : 1
S.O. No. : 9586	

Cust P.O. : AV-1575	P/N : 065-0042-15	PO# :
Our Ref : F.A.S.T.	Desc : KC 192 Autopilot Computer	Ref 02: :
Your Ref :	S/N : 1967	Ref 03: :
Project :	MFG : Honeywell	Manual : 006-05539-0002
Contract :	Qty : 1.0000	Cond As: RD
	Revision : 2 / Feb-01-1984	
Completed P/N: 065-0042-15	S/N As : 1967	Into Bin Loc :

Company : 1	Division : 006	Department :
Order Date : Jan-12-2012	Received Date : Jan-12-2012	Due Date : Jan-26-2012
		Print Date : Jan-20-2012

Repair WORK ORDER No. 13191

Manuals	Description	Manual Date	Revision No.	Revision Date	Current	Until
006-05539-0002	KC 192 Maint Manual	Nov-01-1982	2	Feb-01-1984	<input checked="" type="checkbox"/>	Feb-03-2012

Reported By Customer

Intermittent failure: On power-up unit does not produce a tone; Trim light comes on and Test button does nothing. Flt Director works properly. Please evaluate and provide quote for repair as needed to return to serviceability.

Preliminary

Hold down screw washer and E-clip missing.. Customer adapter cards installed; Top-83 Bottom-05.

Teardown Inspection

Performed teardown inspection and functional tests. Confirmed customer discrepancy, test button intermittent. Found micro-fractures in adapter card socket solder joints.

Corrective Action

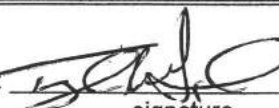
Replaced hold down screw hardware. Resoldered adapter card socket solder joints. Performed functional tests at ambient, chilled, and heated temperatures. Unit tests to MPS.

S/Bs and A/Ds


Mods status In: 18

SW Mod 00

No ESD connector covers in place when received; no external damage noted.

Technician:  Name: TYLER GILMORE Date: 20 JAN 12
signature printed

FINAL INSPECTION

Authorized Signature:  Name: MICHAEL CAMPBELL Date: 20 JAN 12

SERVICE DE L'AÉRONAUTIQUE - AIRCRAFT RECORD

Date: 5/17/2012
Tach/Hobbs: 993.7
Total Time: 2475.8



Repair Station # YQYR343B
10800 Airport Road
Dubuque, IA 52003
563-582-1293

Motif de l'entretien
Maintenance motive

1. Inspected aircraft per FAR Part 43 appendix D checklist
2. Replaced electric fuel pump after overhaul by Aviation Group, RS# VGOR728L, WO# 38891.
3. Serviced main gear struts with nitrogen pressure. 4. Replaced retraction swivel attach bolts on nose gear.
5. Secured nose wheel on axle. 6. Replaced right brake linings. 7. Secured right crew seat attach bolts on frame.
8. Replaced vacuum regulator filter. 9. Charged up aircraft battery. 10. Secured bonding strap on engine.
11. Replaced o-rings on fuel strainer bowl. 12. C/W FAR 91.207(d) inspected ELT radio operation.
13. C/W AD2003-04-03 inspected aileron gimbal for security.

I certify this aircraft has been inspected in accordance with an 100 Hour inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order # 77506
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

5-25-12	995.0	Replaced battery contactor.	Tiffany Brune AP3527990
7-10-12	1041.7	Replaced Left brake pads.	Tiffany Brune AP3527990

Date: 7/11/2012
Tach/Hobbs: 1044.3



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

Replaced vacuum pump with overhauled unit from Aero Accessories Inc. CRS #YV4R688M. See W/O #19496-0000.

Work Order #77622
Name: Eric W. Seier

Signed: E. W. Seier
Certified Repair Station # YQYR343B

Date: 7/18/2012
Tach/Hobbs: 1048.1



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

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Serviced main landing gear struts with nitrogen. Serviced nose landing gear with fluid and nitrogen. Replaced nose landing gear strut schraeder valve core.

Work Order #77638

Name: Eric W. Seier

Signed:

A handwritten signature in black ink, appearing to be "E. W. Seier", written over a horizontal line.

Certified Repair Station # YQYR343B

Cachet - Signature réparateur

Approbation pour remise en service

Stamp and signature of overhauler

Maintenance release

Maint Hobbs
7-26-12 1051.9 Removed left front seat for upholstery repair. Installed left front seat from N18666. James Jenkins AP3015266

Maint Hobbs
8-17-12 1063.6 ① Reinstalled original left front seat after repair by Goodnow Upholstery
② Removed right front seat for N18875. Installed right front seat from N18875 after repair by Goodnow Upholstery. James S. Jenkins AP3015266

Maint Hobbs
8-21-12 1065.2 Replace pilots (left) sun visor. James S. Jenkins AP3015266

8-23-12 1062.5 Replaced main aircraft battery. Tiffany Bane AP3527990

9-22-12 1086.3 Replaced Left and Right brake pads. Tiffany Bane AP3527990

9-28-12 1089.2 ① Replaced Left main and nose tires.
② Repacked Left and nose wheel bearings. Tiffany Bane AP3527990

Date: 10/4/2012
 Tach/Hobbs: 1093.1
 Total Time: 2575.2



Repair Station # YQYR343B
 10800 Airport Road
 Dubuque, IA 52003
 563-582-1293

- 1. Inspected aircraft per FAR Part 43 appendix D checklist.
- 2. Replaced nose wheel retainer washer, greased bearings, balanced wheel assy.
- 3. Replaced right tire, greased bearings, Aero Wheel W/O# 190422.
- 4. Replaced torn seal around left cabin door frame.
- 5. Charged up battery.
- 6. Replaced stabilator trim actuator bushings, spacer, bolts. Replaced hinge pins on trim tabs.
- 7. C/W FAR 91.207(d) inspected ELT radio.
- 8. Adjusted slide release lever on left crew seat.
- 9. Replaced O-rings on fuel strainer bowl.
- 10. Replaced vacuum regulator filter.
- 11. C/W AD 2001-23-04 inspected lower rudder hinge.
- 12. C/W AD 2003-04-03 inspected aileron gimbal for security.
- 13. Serviced all gear struts with nitrogen pressure.

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. See ADList in folder for compliance.

Work Order # 77794
 Name: Paul M. Kaune

Signed: Paul M. Kaune
 Certified Repair Station # YQYR343B

Motif de l'entretien
 Maintenance motive

11-9-12	Mont Hobbs 1121.8	Replaced Left main landing gear brake pads/linings	James Perkins AP3015266
12-14-12	1159.1	Replaced landing gear lever switch.	Tiffany Beane AP3527990
12-15-12	1169.1	Replaced Left and Right brake pads.	Tiffany Beane AP3527990

Date: 1/17/2013
Tach/Hobbs: 1168.4



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

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Replace flap motor, up relay with new.
Work Order #77996
Name: Eric W. Seier

Signed: Eric W. Seier
Certified Repair Station # YQYR343B

Cachet - Signature réparateur
Approbation pour remise en service
Stamp and signature of overhauler
Maintenance release

1-30-13 1174.9 Replaced static wick Left stabilator. Tiffany Bume AP3527990

2-15-13 1186.2 ① Replaced Left main tire.
② Replaced Left brake disc.
③ Repacked Left wheel bearings. Tiffany Bume AP3527990

2-22-13 ~~1190.3~~ 1190.3 ① Replaced Right main tire.
② Repacked Right wheel bearings. Tiffany Bume AP3527990

Date: 3/1/2013
Tach/Hobbs: 1192.6
Total Time: 2674.7




Repair Station # YQYR343B
10800 Airport Road
Dubuque, IA 52003
563-582-1293

1. Inspected aircraft per FAR Part 43 appendix D checklist.
2. Replaced O-ring seals in L&R brake wheel cylinders. Bled brakes with fresh hydraulic fluid.
3. Secured axle nut tensions on all 3 wheels. 4. Replaced rubber up-stop bumpers on nose & left gears.
5. Replaced loose rivets on left inboard flap hinge bracket. 6. Resealed cable openings on firewall. 7. Replaced vacuum regulator filter. 8. Replaced O-rings on fuel strainer bowl. 9. C/W AD 2003-04-03 inspected aileron gimbal for security.

I certify this aircraft has been inspected in accordance with an 100 Hour inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order # 78047
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. <h1 style="text-align: center;">AUTHORIZED RELEASE CERTIFICATE</h1> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG					3. Form Tracking Number: 151401	
4. Organization Name and Address: Aerospace Welding Minneapolis, Inc. 1045 Gemini Road Eagan MN 55121						5. Work Order/Contract/Invoice Number 151401		
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:		
1	MANIFOLD CYL#3	56000016	N/A	1 each	N/A	OVERHAULED		
13. Remarks: REF: WORK ORDER #151401. Aerospace Welding Minneapolis, Inc. certifies that the work specified in block 12/13 was carried out in accordance with EASA part 145 and in respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number:EASA. 1456155. This form covers certification of the part identified in block 7/8 only and any additional EASA requirements are the responsibility of the installer.								
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 checked="" 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.: UWDR792L		
17. Name (Typed or Printed):		18. Date:		22. Name (Typed or Printed): Tom Knaresboro		23. Date (m/d/y): Feb 28 2013		
User/Installer Responsibilities								
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>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.</p> <p>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.</p>								

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates	Temps de vol depuis la précédente opération d'entretien	Heures totales	Heures depuis entretien majeur	Nombre d'atterrissages	Motif de l'entretien
Dates	Duration of flight since last maintenance operation	Hours since manufacture	Hours since major maintenance	Number of landings	Maintenance motive
3-11-13	1194.2				Removed prop de-ice fluid tank. Removed pump from tank. Cleaned out tank. Re-installed pump with new gasket. Re-installed tank. Serviced with new TKS fluid. <i>Tiffany Brame</i> AP3527990
3-14-13	1196.6				Replaced auto pilot disconnect switch. <i>Tiffany Brame</i> AP3527990
3-25-13	1200.8				Replaced ELT battery. Complied with FAR 91.207(d). Battery next due: November 2014. <i>Tiffany Brame</i> AP3527990
4-10-13	1222.1				Replaced alternator switch/breaker. <i>Tiffany Brame</i> AP3527990

Date: 4/22/2013
Tach/Hobbs: 1224.9


Blue Skies over Dubuque Inc.
Airplane Maintenance

10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

1. Replaced both inter-connect levers between right gear retraction cylinder & retraction arm.
Performed gear retraction cycle tests.
Work Order #78162
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

Détails vérifications et travaux entretien – Révisions partielles ou générales

Cachet – Signature réparateur

Modifications – Essais en vol

Approbation pour remise en service

Particulars of inspections and maintenance – Minor or major overhauls

Stamp and signature of overhauler

Modifications – Test flights

Maintenance release

Maint Hobbs

5-7-2013 1260.5 ① Replaced o-rings on pistons in left brake assembly

② Replaced linings on left and right brake assembly James Jenks AP3015246

5-18-13 1275.5 Replaced Left and Right brake linings. Tiffany Bume AP3527990

Date: 6/7/2013

Tach/Hobbs: 1292.2

Total Time: 2774.3



Repair Station # YQYR343B

10800 Airport Road

Dubuque, IA 52003

563-582-1293

1. Inspected aircraft per FAR 43 Appendix D checklist. 2. Replaced left and right main tires with overhauled tires from Aero Wheel and Brake CRS# U8SR97J, See work order number (left 212712, right 189046). Replaced left brake disk. Greased all wheel bearings and checked nose wheel balance. 3. Secured right door actuator rod. 4. Replaced left outboard elevator trim hinge pin. 5. Replaced vacuum system inlet filter, pump inlet filter and regulator filter. Replaced vacuum hose as required. 6. Replaced propeller spinner with serviceable unit repaired by K&K Precision welding CRS# XKKR436L, see work order # 4467. 7. Secured alternator noise capacitor. 8. Inspected ELT for operation per FAR 91.207(d). 9. Replaced fuel bowl o-rings. 10. C/W AD 2003-04-03 Inspected aileron gimbal for security. 11. C/W AD 2001-2364 Inspected lower rudder hinge.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order # 78240

Name: Eric W. Seier

Signed:

E. W. Seier

Certified Repair Station # YQYR343B

6-14-13 1293.6 Replaced Right brake disc and repacked Right wheel bearings.

Tiffany Bume
AP3527990

6-28-13 1295.1 Replaced Right map light bulb and repaired broken wire.

Tiffany Bume
AP3527990

SERVICE DE L'AÉRONEF - AIRCRAFT RECORD

Dates	Temps de vol depuis la précédente opération d'entretien Duration of flight since last maintenance operation	Heures totales Hours since manufacture	Heures depuis entretien majeur Hours since major maintenance	Nombre d'atterrissages Number of landings	Motif de l'entretien Maintenance motive
6-28-13	1295.1	Reinstalled original spinner after repair and paint.	Tiffany Brane	AP3527990	
7-24-13	1309.2	Replaced Left ^{stroke} prop light bulb.	Tiffany Brane	AP3527990	
8-7-13	1314.7	Replaced landing light bulb with LED.	Tiffany Brane	AP3527990	
8-14-13	1324.9	Replaced Left brake pads.	Tiffany Brane	AP3527990	
10-15-13	1367.0	Replaced Right brake pads.	Tiffany Brane	AP3527990	
10-23-13	1369.9	Replaced oil access door latch and latch plate.	Tiffany Brane	AP3527990	
11-1-13	1375.4	Replaced Left brake pads.	Tiffany Brane	AP3527990	
11-5-13	1378.1	Replaced oil access door spring.	Tiffany Brane	AP3527990	

Date: 11/18/2013
Tach/Hobbs: 1391.5
Total Time: 2873.6

Blue Skies 
Blue Skies over Dubuque Inc.
Airplane Maintenance

Repair Station # YQYR343B
10800 Airport Road
Dubuque, IA 52003
563-582-1293

1. Inspected aircraft per FAR Part 43 appendix D checklist.
2. Cleaned friction plates in center quadrant for propeller control cable.
3. Replaced vacuum regulator filter.
4. Charged up battery.
5. Cleaned fuel strainer & replaced O-rings.
6. C/W FAR 91.207(d) inspected ELT radio.
7. C/W AD 2003-04-03 inspected aileron gimbal for security.

I certify this aircraft has been inspected in accordance with an 100 hour inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order # 78555
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

Date 11-18-2013 Aircraft Hours 1391.5

I certify that the altimeter and static system tests required by 14 CFR 91.411 and transponder tests, including data correspondence, required by 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

LH Altimeter Model KEA 130A Transponder Model KT 76A
S/N 30546 S/N 121733

RH Altimeter Model 5934PD-3 Transponder Model -
S/N 405463 S/N -

Encoder/A.D.C. Model LH ALTIMETER S/N -

The altimeter was tested to 20,000 feet on 11-18-2013

The transponder was tested on 11-18-2013.

Encoder data correspondence was tested to 20,000 feet on 11-18-2013

Static system leak tested on 11-18-2013.

Signed Paul M. Kaurne

Work Order # 78555

Blue Skies Over Dubuque, Inc.
FAA Repair Station #YQYR343B

ORD

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Cachet - Signature réparateur
Approbation pour remise en service
Stamp and signature of overhauler
Maintenance release

2-18-2014 1430.3 ① Replaced left main tire
② Replaced left main brake linings
③ Repacked left main wheel bearings James Jenkins AP3015266

8-3-14 1440.7 Replaced Right brake pads. Jeffrey Blaine AP3527990

Blue Skies Over Dubuque, Inc.
10800 Airport Road
Dubuque, Iowa 52003
FAA Repair Station YQYR343B

Altimeter Make Bendix/King Pilot's
Model KEA 130A
S/N 30546

Test Altitude in Feet	Reading	Tolerance +/(feet)	HYSTERESIS/TEST TOLERANCES	
			Reading	Tolerance (feet)
-1000	+10	20		
0	-10	20	Case leak Test	-10 100
500	+10	20	Hysteresis Test	
1000	0	20	First TP...50% of Max	-20 75
1500	0	25	Hysteresis Test	
2000	+10	30	First TP...40% of Max	+5 75
3000	0	30	After Effect	30
4000	0	35		
6000	+30	40	Kollsman Window Calibration	
8000	+25	60	Pressure	Altitude
10000	+5	80	Setting in	Difference
12000	+15	90	In./Hg.	(feet)
14000	+35	100	28.10	-2 -1727
16000	+50	110	28.50	-10 -1340
18000	+30	120	29.00	-13 -863
20000	+40	130	29.50	-12 -392
22000		140	29.92	0 (ref) 0
25000		155	30.50	-19 531
30000		180	30.90	-17 893
35000		205	30.99	-16 974
40000		230	W/O No. 78555	Date 11/18/2013

Blue Skies Over Dubuque, Inc.
10800 Airport Road
Dubuque, Iowa 52003
FAA Repair Station YQYR343B

Altimeter Make CO-Pilot
United Instruments
Model 5934PD-3
S/N 405463

Test Altitude in Feet	Reading	Tolerance +/(feet)	HYSTERESIS/TEST TOLERANCES	
			Reading	Tolerance (feet)
-1000	0	20		
0	0	20	Case leak Test	-10 100
500	0	20	Hysteresis Test	
1000	0	20	First TP...50% of Max	+75 75
1500	+10	25	Hysteresis Test	
2000	0	30	First TP...40% of Max	+40 75
3000	0	30	After Effect	30
4000	+10	35		
6000	+25	40	Kollsman Window Calibration	
8000	+40	60	Pressure	Altitude
10000	+60	80	Setting in	Difference
12000	+80	90	In./Hg.	(feet)
14000	+100	100	28.10	-22 -1727
16000	+110	110	28.50	-15 -1340
18000	+120	120	29.00	-12 -863
20000	+130	130	29.50	-17 -392
22000		140	29.92	0 (ref) 0
25000		155	30.50	-19 531
30000		180	30.90	+8 893
35000		205	30.99	-11 974
40000		230	W/O No. 78555	Date 11/18/13

Dates	Temps de vol depuis la précédente opération d'entretien	Heures totales	Heures depuis entretien majeur	Nombre d'atterrissages	Motif de l'entretien
Dates	Duration of flight since last maintenance operation	Hours since manufacture	Hours since major maintenance	Number of landings	Maintenance motive

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N1909S

Removed ELT 200 p/n: 453-0190 s/n: E02977. Installed Garmin notch filter p/n: 330-00067-00 and loaner ELT 200 p/n: 453-0190 s/n: E02222. Customer's battery pack is installed into loaner ELT. Battery expiration date remains the same. Updated GNS-430W to version 5.10/5.0. Systems ramp check satisfactory.

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 3/3/14 HOBBS: 1441.3 WO#: AV14-12968 SIGNED: 

3606 Corben Ct. - Madison, WI 53704 - CRS No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX


Date: 3/10/2014
Tach/Hobbs: 1449.6


Blue Skies over Dubuque Inc.
Airplane Maintenance

10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

1. Repaired broken wires on right gear anti-retraction switch wiring harness. Performed gear retraction cycle operational tests. 2. Replaced right tire, Aero Wheel WO# 227215, greased wheel bearings.

Work Order #78745
Name: Paul M. Kaune

Signed: 
Certified Repair Station # YQYR343B

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG		3. SYSTEM TRACKING REG. NO: 12968	
4. ORGANIZATION CRS # DBKR124D Wisconsin Aviation-Four Lakes, Inc. 3606 Corbeau Ct., Madison, WI 53704 Phone (608) 768-5006		US Department of Transportation Federal Aviation Administration		5. WORK ORDER, CONTRACT, OR INVOICE NO: 12968	
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.
Ø1.	GNS-43ØW	Ø11-Ø1Ø6Ø-ØØ	T.B.D.	Ø1.	234Ø5872
12. STATUS/WORK Repaired					
13. REMARKS Performed main and GPS software update. Tested unit and found to meet M.P.S. Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.					
<input type="checkbox"/> New <input type="checkbox"/> Newly Overhauled Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13, were manufactured in accordance with FAA approved design data and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 d Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.		
15. Signature		16. FAA Authorization No.:		21. Certificate Number:	
17. Name (typed or printed):		18. Date:		23. Date:	
Brian Riese				DBKR124D Ø3/Ø3/2014	
Airworthiness Approval Tag - User/Installer Responsibilities It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts part/component/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. *Optional installer must cross check eligibility with applicable technical data.					

WISCONSIN AVIATION FOUR LAKES, INC.


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DESCRIPTION OF WORK DONE:

N1909S

Removed autopilot trim switch, Installed new autopilot trim switch P/N 200-01902-0000. Ramp tested good. -----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: March 20, 2014 HOBBS: 1455.6 WO#: 13012 SIGNED: 

3606 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

- Signature réparateur
on pour remise en service
id signature of overhauler
aintenance release

WISCONSIN AVIATION FOUR LAKES, INC.

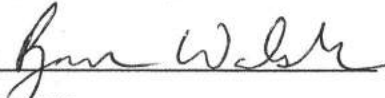
DESCRIPTION OF WORK DONE:

N1909S

Removed existing Artex ELT-200 System. Installed new Artex ME-406 p/n 453-6603 s/n 242-01194 ELT System per Artex IM 570-1600 Rev. N. ELT inspection and operational testing complies with FAR 91.207(d). Weight & Balance and Equipment List have been updated. Complied with COM Interference Check per Garmin installation manual 5.5.3. No problems noted. Hex ID: ADC64 99D0C DCF41. Battery due May 2021.

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: March 21, 2014 HOBBS: 1455.6 WO#: AV14-13000 SIGNED: 

3606 Corben Ct. - Madison, WI 53704 - CSR No. DBKR124D
(608) 268-5006 (608) 268-5038 FAX

ELT Battery
Due MAY 2021

4-11-14 1482.6 Repaired #2 ^{EGT} ~~CHT~~ probe wire.

Tiffney Beame AP3527990

Date: 4/30/2014
 Tach/Hobbs: 1490.8
 Total Time: 2972.9



Repair Station # YQYR343B
 10800 Airport Road
 Dubuque, IA 52003
 563-582-1293

1. Inspected aircraft per FAR Part 43 appendix D checklist.
2. Replaced leaking O-rings in right brake wheel cylinder. Bled brake system.
3. Installed new noise filter on alternator post.
4. Balanced nose wheel assy., greased wheel bearings, secured loose axle bolt.
5. Installed new nose gear up-stop rubber bumper.
6. Cleaned fuel strainer bowl & replaced O-rings.
7. C/W FAR 91.207(d) inspected ELT radio.
8. Charged up aircraft battery.
9. Replaced vacuum regulator filter.
10. C/W AD 2003-04-03 inspected aileron gimbal.
11. C/W AD 2001-23-04 inspected rudder lower hinge.

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order # 78824

Name: Paul M. Kaune

Signed: Paul M. Kaune
 Certified Repair Station # YQYR343B

Motif de l'entretien
 Maintenance motive

6-13-14	1524.0	Replaced Right Nav light bulb.	Tiffany Blaine AP3527990
7-8-14	1533.3	Replaced Left brake pads.	Tiffany Blaine AP3527990
8-19-14	1567.0	Replaced Right brake pads.	Tiffany Blaine AP3527990
9-23-14	1580.2	Replaced Left brake pads.	Tiffany Blaine AP3527990
9-23-2014	1580.2	Replaced Left Wheel Cylinder O-Rings, bleed brakes and serviced Brake Fluid. See Blue Skies over Dubuque W/O # 79083 E.W. Jen	CRS YQYR343B
9-25-14	1585.5	Replaced Right tire and repacked Right wheel bearings.	Tiffany Blaine AP3527990

Date: 10/1/2014
Tach/Hobbs: 1590.0
Total Time: 3072.1



Repair Station # YQYR343B
10800 Airport Road
Dubuque, IA 52003
563-582-1293

41

1. Inspected aircraft per FAR Part 43 appendix D checklist.
2. Replaced nose tire & inner tube, greased wheel bearings, balanced wheel assy.
3. Replaced left tire, greased wheel bearings, replaced outboard grease seal.
4. Charged up battery.
5. Replaced vacuum regulator foam filter.
6. Replaced O-rings on fuel strainer bowl.
7. C/W AD 2003-04-03 inspected aileron gimbal for security & wear.
8. Replaced O-rings on brake reservoir supply fitting.

I certify this aircraft has been inspected in accordance with an 100 Hour inspection and was determined to be in airworthy condition. See AD List in Folder for compliance.

Work Order # 79101

Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

Cachet - Signature réparateur
Approbation pour remise en service
Stamp and signature of overhauler
Maintenance release

10-2-14 1590.0 Replaced Left and Right door shock struts. Tiffany Beane AP3527990

1-12-2015 1641.0 Replaced taxi light bulb James Juban AP3015266

1-22-15 1649.3 Replaced main ships battery. Tiffany Beane AP3527990

3-19-15 1667.5 Replaced left brake pads/linings James Juban AP3015266

3-24-15 1672.0 Replaced spinner with serviceable spinner James Juban AP3015266

3-28-15 1680.0 Replaced Left gear down light bulb. Tiffany Beane AP3527990

APPROVAL FOR RETURN TO SERVICE STATEMENT

I certify that this Spinner has been inspected in accordance with a Visual inspection and was determined to be in an Airworthy condition.

Authorized Signature K. Weckel

Date 4-10-14 Total Time _____

**K & K
PRECISION WELDING**
2083 Hwy. L Unit 15
East Troy, WI 53120
FAA Repair Station #XKKR436L

N19095
3-24-15
1672.8

This return to service certification does not automatically constitute approval for installation. It is the installers responsibility to determine the eligibility for installation.

RETURN TO SERVICE

THE COMPONENT IDENTIFIED HEREON
WAS REPAIRED AND INSPECTED IN
ACCORDANCE WITH CURRENT FAA
REGULATIONS AND IS APPROVED FOR
RETURN TO SERVICE.

PERTINENT DETAILS OF THE
REPAIR/OVERHAUL ARE ON FILE AT
THIS REPAIR STATION UNDER:

MAKE Socata MODEL TB-20

ORDER NO. 5050

DATE 4-10-14

SIGNED K. Weckerly
(assembler)

SIGNED K. Weckerly
(inspector)

**K & K
PRECISION WELDING**

2083 Hwy. L. Unit 15
East Troy, WI 53120
FAA Repair Station #XKKR436L

Date: 4/6/2015
Tach/Hobbs: 1689.8
Total Time: 3171.9



Repair Station # YQYR343B
10800 Airport Road
Dubuque, IA 52003
563-582-1293

1. Inspected aircraft per FAR Part 43 appendix D checklist.
2. Replaced left tire. Rotated right tire on wheel for longer wear. Greased all wheel bearings. Balanced nose wheel assy.
3. Replaced Left brake disc's & all linings.
4. Replaced vacuum regulator filter.
5. Replaced light bulb in wet compass.
6. Replaced O-rings on fuel strainer bowl.
7. Charged up aircraft battery.
8. C/W FAR 91.207 (d) inspected ELT radio.
9. C/W AD 01-23-04 inspected lower rudder hinge.
10. C/W AD 2003-04-03 inspected security of aileron gimbal.

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order # 79401
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

Motif de l'entretien
Maintenance motive

Date: 6/19/2015
Tach/Hobbs: 1739.9



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

1. Replaced right tire. Greased wheel bearings.
- Work Order #79526
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

Date: 6/26/2015
Tach/Hobbs: 1749.2



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

1. Replaced o-rings on left and right brake caliper pistons.
2. Replaced all brake linings with serviceable brake linings from N1887S.

Work Order #79536
Name: David M. Farningham

Signed: David M. Farningham
Certified Repair Station # YQYR343B

Date: 7/8/2015
Tach/Hobbs: 1756.3



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

42.

- 1. Replaced right main landing gear actuating cylinder with serviceable cylinder repaired at: Blue Skies Over Dubuque< ref. W/O 79042. Operationally tested good.
- 2. Secured pilot's backrest aft panel.

Work Order #79556
Name: David M. Farningham

Signed: David M. Farningham
Certified Repair Station # YQYR343B

Cachet - Signature réparateur
Approbation pour remise en service
Stamp and signature of overhauler
Maintenance release

||

Date: 7/23/2015
Tach/Hobbs: 1767.4



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

- 1. Replaced broken arms on left gear retraction actuator with serviceable parts removed from aircraft N1887S.

Work Order #79577
Name: Paul M. Kaune

Signed: Paul M. Kaune
Certified Repair Station # YQYR343B

Date 7-31-2015 Aircraft Hours 1782.1

I certify that the transponder tests, including data correspondence, required by 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

LH Altimeter Model - Transponder Model KT 76A

S/N - S/N 114346

RH Altimeter Model - Transponder Model -

S/N - S/N -

Encoder/A.D.C. Model KEA 130A S/N 30546

The altimeter was tested to - feet on -

The transponder was tested on 7-31-2015

Encoder data correspondence was tested to 20,000 feet on 7-31-2015

Static system leak tested on 7-31-2015

Signed Paul M. Kaune

Work Order # 79596

Blue Skies Over Dubuque, Inc.
FAA Repair Station #YQYR343B

Date: 8/10/2015
Tach/Hobbs: 1789.8
Total Time: 3272.0



Repair Station # YQYR343B
10800 Airport Road
Dubuque, IA 52003
563-582-1293

1. Inspected aircraft per FAR 43 Appendix D checklist. 2. Replaced left brake linings. 3. Replaced vacuum regulator, system inlet and pump inlet filters. 4. Replaced fuel strainer bowl o-rings. 5. C/W FAR 91.207(d) Inspected ELT for operation. 6. C/W AD 01-23-04 Inspected lower rudder hinge. 7. C/W AD 2003-04-03 inspected aileron gimbal for security.

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. See AD List in folder for compliance.

Work Order # 79603

Name: Eric W. Seier

Signed: 

Certified Repair Station # YQYR343B

Motif de l'entretien
Maintenance motive

WISCONSIN AVIATION FOUR LAKES, INC.

DESCRIPTION OF WORK DONE:

N1909S

Removed, repaired and reinstalled KX-155 P/N 069-1024-39 S/N 121552. Placarded altitude selector inop.

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 8/17/15 HOBBS: 1797.7 WO#: AV15-14183 SIGNED: 

3606 Corben Ct. - Madison, WI 53704 - CRS No7DBKR124D
(608) 268-5006 (608) 268-5038 FAX

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG		3. SYSTEM TRACKING REG. NO: 14183		
N19095		US Department of Transportation Federal Aviation Administration		5. WORK ORDER, CONTRACT, OR INVOICE NO: 14183		
4. ORGANIZATION CRS # DBKR124D Wisconsin Aviation-Four Lakes, Inc. 3606 Corben Ct., Madison, WI 53704 Phone (608) 268-5006						
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY.	11. SERIAL/BATCH NO.	12. STATUS/WORK
01	KX-155	069-1024-39	T.B.D.	01	121552	Repaired
13. REMARKS Removed and installed serviceable display. Tested unit and found to meet MPS. Limited life parts must normally be accompanied by maintenance history including total time/total cycles/time since new.						
<input checked="" type="checkbox"/> New <input type="checkbox"/> Newly Overhauled Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness regulations. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 e Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.:		20. Authorization Signature: Ryan Welsh		21. Certificate Number: DBKR124D
17. Name (typed or printed):		18. Date:		22. Name (typed or printed): Ryan Welsh		23. Date: 08/17/2015
Airworthiness Approval Tag User/Installer Responsibilities It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. *Optional installer must cross check eligibility with applicable technical data.						