

414-3 6/07-Current

REPLACE ELT BATTERY BY:
FEB 2014

Transponder
certs due
~~9-3-11~~
10-26-14 JAH

The Standard
AIRCRAFT LOG



ASA-SA-2

Aircraft Record General Information

1971

Manufacturer Cessna Model 414
Serial 414-0152 Registration Number N8222Q

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Haltom Aircraft Services

5007 Airport Rd., Hangar 3B Denton TX 76207 940-387-1818

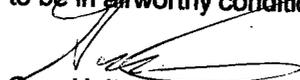
N-8222Q

Hobbs: 1029.3
ACTT: 4173.5

Date: 11/15/06

Inspected aircraft per Cessna 414 inspection checklist.
Removed right hand engine to facilitate overhaul by Custom Airmotive of Tulsa, OK.
Reinstalled engine after overhaul. Replaced engine mounts (p/n: J9613-58) and bolts.
Replaced air filter (p/n: 202831) on both engines. Due replacement at Hobbs: 1529.3
Installed rear striker bar (p/n: 5012042-2)
Replaced ELT battery. Function tested per FAR 207.91. Due replacement December 2008.
Replaced existing intercom system.
Replaced vacuum filter (p/n: D9-14-3).
Installed Cessna kit SK4148E for landing gear mod on both sides.
Installed Vortex generator per STC #SA00024SE.
Replaced cabin door cables and forks.
Replaced seal (p/n: R581535) around baggage area on both nacelles.
Replaced vacuum filter socks (p/n: B3-5-1).
Replaced tail rotating beacon bulb (p/n: 02-0350433-01)
AD 76-13-07 - Due ACTT 5000.0 hrs.
AD 90-02-13 - Due ACTT 5054.0 hrs.
AD 00-01-16 - C/W para b visual inspection
para c due Feb 2009
para d due Hobbs 1341.0
para e by pressure test - due again Nov. 2007
para g - right engine C/W by repair by Aerospace Welding
para g - left engine - due at engine overhaul

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.


Gary Haltom, A&P 2212022IA

YEAR
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N-8222

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YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Haltom Aircraft Services

5007 Airport Rd, Hangar 3B Denton TX 76207 940-387-1818

N-8222Q

Hobbs: 1029.3

Date: 11/15/06

Removed prop from right side and installed on left side.

Installed new brush blocks (p/n: RAB40012) as needed.

I certify this prop has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.


Gary Haltom, A&P 2212022IA

Haltom Aircraft Services

5007 Airport Rd, Hangar 3B Denton TX 76207 940-387-1818

N-8222Q

Hobbs: 1029.3

Date: 11/15/06

TSO: 0

Installed overhauled propeller on right hand side. Overhaul due in 5 years or 1500 hrs., whichever occurs first.

Installed new brush blocks (p/n: RAB40012) as needed.

I certify this prop has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.


Gary Haltom, A&P 2212022IA

2/5/08 N8222Q, SN: 0152,
AFTT: 4309.4, HOBBS: 170.2

1. C/W AD 2004-25-16 R1 by visual inspection. No defects noted.
2. C/W AD 2000-01-16 part (b)(c)(e) visual inspection. No defects noted.
3. C/W AD 76-02-07 alternator slip ring inspection. AD does not apply to RH engine alternator by model number. No defects noted on LH alternator.
4. C/W AD 95-24-05 on both propellers by visual inspection. No defects noted.
5. Performed ELT inspection Per 91.207 (d).
6. Changed Engine oil and Filter PN CH48108-1 both engines serviced with 12 qts aeroshell 100w
7. Repacked RH brake caliper due to leakage.
8. Repaired rudder trim rod.
9. Replaced aircraft battery SN on GO2373146.
10. Replaced oxygen line from bottle

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10. Replaced oxygen line from bottle to bulkhead PN C166011-0108.

11. Repaired battery box and painted with acid resistant paint.

12. Replaced 2 ea static wicks PN 16165.

13. Replaced both wingtip strobe covers PN 25-0491-1.

14. Repacked all wheel bearings.

15. Replaced all bushings on main gear scissors.

16. Replaced RH landing light.

17. Replaced all vacuum air filters.

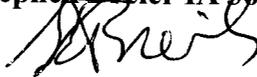
18. Replaced mag compass light.

19. Replaced o-rings on both wing fuel caps.

20. Removed rudder for access to clean bird nest from inside. Replaced middle upper and lower upper hinge brackets.

I certify this aircraft has been inspected in accordance with an annual inspection and found to be in airworthy condition for return to service.

Stephen Breier IA 363840128



YEAR 20 09 DATE	RECORDING TAGH TIME HOBBS	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
05-18- 2009	201.2		4391.1	SERVICED, AND LUBED AIRFRAME I/A/W A CESSNA 414 SERVICE MANUAL. AIRFRAME PANALS WERE PREVIOUSLY REMOVED. INSPECTED AIRFRAME. RE-INSTALLED AIRFRAME AND ENGINE PANALS. REPLACED E.L.T. BATTERY. BATTERY DUE DATE JUNE '11. E.L.T. OPERATORS O.K. AS PER 91.201D. RE-SEALED LT. WING TIP FUEL TANK AND REPAIRED LEAK. INSTALLED NEW GASKETS ON BOTH FUEL TIP TANKS ACCESS PANALS (4). CLEANED FUEL SCREENS. REPLACED ALL WHEEL BEARINGS AND RACES ON MAIN GEAR AND NOSE GEAR. INSPECTED BRAKE PAD AND FOUND O.K. FOR FERRY FLIGHT. GEAR RETRACT TEST O.K. - EMERGENCY GEAR EXTENSION DONE - O.K. EMERGENCY OXYGEN LABELED IN-OP DUE TO HYDROSTATIC TEST OUT OF DATE. JANITROL CABIN HEATER LABELED IN-OP DUE TO PRESSURE DECAY TEST DATE NOT FOUND. ALCOHOL DE-ICE SYSTEM LABELED IN-OP. AIRCRAFT PRESSURIZATION LABELED IN-OP. TRANSPONDER AND STATIC SYSTEM OUT OF CERTIFICATION DATE LABELED IN-OP. STROBE LIGHTS LABELED IN-OP. NEXT PAGE →

YEAR 2009 DATE	RECORDING TAGH TIME HOURS	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
05-18- 2009	201.2		4391.1	AIRCRAFT LIGHT CK. MEETS REQUIREMENTS V.I.R. FLIGHT. SEE AIRCRAFT A.I.D. COMPLIANCE REPORT AT REAR OF THIS LOG. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A CESSNA SERVICE MANUAL AND WAS DETER- MINED TO BE IN AIRWORTHY CONDITION FOR A SPECIAL FERRY FLIGHT. E.N.D. <i>Wm J. Taylor AFD43721476IA.</i>
07-16- 2009	201.4		4391.3	THE EMERGENCY OXYGEN BOTTLE WAS REMOVED & RE-INSTALLED FOR THE HYDROSTATIC CHECK- NEXT DUE 07-14. THE ENGINE FIRE BOTTLES ARE DATED 03-2010. THE E.C.T. REPLACEMENT DATE IS 06-11. E.L.T. OPS CHECK IS O.K. AS PER 91.207D. THE WINDSHIELDS COVER WERE REMOVED & RE-SEALED. THE WINDSHIELD DE-ICE SYSTEM WAS SERVICED WITH ALCOHOL-OPS O.K. RE-RIGGED MIXTURE CONTROLS & C.T. PROPELLER CONTROL. REPLACED ALL R/H LAND- ING LIGHT WIRE TERMINALS. REPLACED R.P.M. GAUGE WITH SERVICABLE GAUGE-SEE YELLOW TAG. REPLACED 4 G.E. LIGHT BULBS ON THE INSTRUMENT PANEL. NEXT PAGES

copilot

N8222Q

9-3-09

ALTIMETER SCALE ERROR					
NOMENCLATURE			SERIAL NO.		
ALTIMETER PRESSURE			7B422		
TEST PT (FT)	INDICATOR READINGS AT + 25°C	TEST PT (FT)	INDICATOR READINGS AT + 25°C	TEST PT (FT)	INDICATOR READINGS AT + 25°C
-1000		6000	-30	25,000	-40
0	-5	8000	-30	30,000	-60
500	-0-	10,000	-40	35,000	
1000	-0-	12,000	-40	40,000	
1500	-0-	14,000	-50	45,000	
2000	-10	15,000		50,000	
2500		16,000	-60	55,000	
3000	-15	18,000	-70	60,000	
4000	-15	20,000	-80	70,000	
5000		22,000	-50	80,000	

THE RADIO SHOP - FAA APPROVED CRS FU2R833K LAFAYETTE, LA

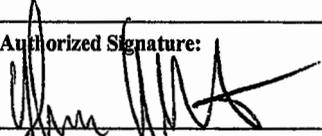
Pilot

N8222Q

9-3-09

ALTIMETER SCALE ERROR					
NOMENCLATURE			SERIAL NO.		
ALTIMETER PRESSURE			6A393		
TEST PT (FT)	INDICATOR READINGS AT + 25°C	TEST PT (FT)	INDICATOR READINGS AT + 25°C	TEST PT (FT)	INDICATOR READINGS AT + 25°C
-1000		6000	-10	25,000	-15
0	+5	8000	-10	30,000	-70
500	+5	10,000	-5	35,000	
1000	+5	12,000	+15	40,000	
1500	+5	14,000	+15	45,000	
2000	-0-	15,000		50,000	
2500		16,000	-0-	55,000	
3000	-0-	18,000	-10	60,000	
4000	-0-	20,000	-10	70,000	
5000		22,000	-5	80,000	

THE RADIO SHOP - FAA APPROVED CRS FU2R833K LAFAYETTE, LA

1. Approving National Aviation Authority/Country: FAA/United States		2.				3. Form Tracking Number: 02222011-JA-1	
AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG						5. Work Order/Contract/Invoice Number 991399/20014121	
4. Organization Name and Address: NORWICH AERO PRODUCTS, INC., 50 O'HARA DRIVE, P.O. BOX 109, NORWICH, NY 13815 PQ0901NE							
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity	11. Serial/Batch Number:	12. Status/Work:	
1	RESISTANCE TEMPERATURE DETECTOR	102-00007	N/A	100	BATCH: 30058754 SN. 39422 BATCH: 30060766 SN. 39423-39473, 39475 BATCH: 30060767 SN. 39476-39522	NEW	
13. Remarks: AIRWORTHINESS APPROVAL							
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input 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.: DMIR-832878-NE		20. Authorized Signature:		21. Approval/Certificate No.:	
17. Name (Typed or Printed): JOHN ALBRECHT		18. Date (m/d/y): FEB 22 2011		22. Name (Typed or Printed):		23. Date (m/d/y):	
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>							

1. Approving National Aviation Authority/Country: FAA/United States	2.	3. Form Tracking Number: 02222011-JA-1
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AUTHORIZED RELEASE CERTIFICATE

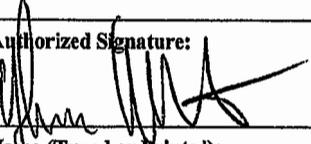
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17. Name (Typed or Printed): JOHN ALBRECHT	18. Date (m/d/y): FEB 22 2011	22. Name (Typed or Printed):	23. Date (m/d/y):

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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.

Pilot

N8222Q

10-26-12

ALTIMETER SCALE ERROR					
NOMENCLATURE			SERIAL NO.		
ALTIMETER PRESSURE					
TEST PT (FT)	INDICATOR READINGS AT + 25°C	TEST PT (FT)	INDICATOR READINGS AT + 25°C	TEST PT (FT)	INDICATOR READINGS AT + 25°C
-1000		6000	-20	25,000	-10
0	-10	8000	-15	30,000	-60
500	-5	10,000	-0-	35,000	
1000	-0-	12,000	+20	40,000	
1500	-5	14,000	+10	45,000	
2000	-5	15,000		50,000	
2500		16,000	-0-	55,000	
3000	-15	18,000	-5	60,000	
4000	-15	20,000	-5	70,000	
5000		22,000	-0-	80,000	

THE RADIO SHOP - FAA APPROVED CRS FU2R833K LAFAYETTE, LA

Copilot

N8222Q

10-26-12

ALTIMETER SCALE ERROR					
NOMENCLATURE			SERIAL NO.		
ALTIMETER PRESSURE					
TEST PT (FT)	INDICATOR READINGS AT + 25°C	TEST PT (FT)	INDICATOR READINGS AT + 25°C	TEST PT (FT)	INDICATOR READINGS AT + 25°C
-1000		6000	-40	25,000	-30
0	-20	8000	-40	30,000	-40
500	-20	10,000	-35	35,000	
1000	-10	12,000	-35	40,000	
1500	-20	14,000	-40	45,000	
2000	-20	15,000		50,000	
2500		16,000	-60	55,000	
3000	-20	18,000	-80	60,000	
4000	-25	20,000	-70	70,000	
5000		22,000	-50	80,000	

THE RADIO SHOP - FAA APPROVED CRS FU2R833K LAFAYETTE, LA

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 3407156	
4. Organization Name and Address: Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number: 1173586		
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
5	BOLT FORK	5243518-3	N/A	1	N/A	New
3. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.						
PO# 002212						
4. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input 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.		
5. Authorized Signature: <i>Keith Thompson</i>		16. Approval/Authorization No.: ODA-100129-CE		20. Authorized Signature:		21. Approval/Certificate No.:
17. Name (Typed or Printed): KEITH THOMPSON		18. Date (m/d/y): MAR/07/2012		22. Name (Typed or Printed):		23. Date (m/d/y):
<p style="text-align: center;"><u>User/Installer Responsibilities</u></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. 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 ensure that his/hor 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>						
FAA Form 8130-3 (6-01)		* Installer must cross-check eligibility with applicable technical data.			NSN: 0052-00-012-9005	

ORDER: 3407156 SN/LOT: N/A
 ITEM: 5
 3407156
 PN: 5243518-3
 QTY: 1
 U/M: EA
 DESC: BOLT FORK

1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 33826
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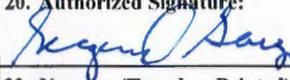
4. Organization Name and Address: Metro Aircraft Instruments, Inc. 2135 Airport Rd., Oakland County Int'l Airport, Waterford, MI. 48327-1207, 248/666-3670	CRS # JY2R943K	5. Work Order/Contract/Invoice Number: 123174 / R41312
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6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	TACH.IND.,DUAL W/SYNC	512-01	N/A	1	5833	OVERHAULED

13. Remarks: **OVERHAULED AND TESTED USING MANUAL 86M087. CESSNA P/N C668016-0101.**

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.145.5112

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in 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.
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15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No.: JY2R943K
17. Name (Typed or Printed)	18. Date (m/d/y):	22. Name: (Typed or Printed) GREGORY GARZA (2463291)	23. Date (m/d/y): Dec/ 7/2009

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

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

W/O Number: WO4574

Part Number: 30-1172-1

Serial No: 1703

Work Type: OVERHAUL

Printed: 1/25/2011 Page#: Page 3 of 3

3414 W. 29th St South
Wichita, Ks 67212, US
FAA Certified Repair Station No. NV2R045L, EASA.145.4033
Ph: (316) 943-6100, Fax: (316) 943-2917

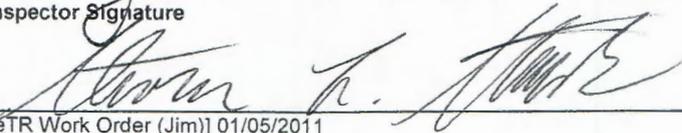
Certificates and Stamps

Technician Signature



FEB 0 2 2011

Inspector Signature



FEB 0 3 2011

WORK ORDER



Metro Aircraft Instruments, Inc.
2135 Airport Rd.
Oakland County Int'l Airport
Waterford, MI. 48327-1207
248/666-3670

FAA CRS NO. JY2R943K
WORK ORDER # **123174-09**

Customer **PREFE / PREFERRED AIRPARTS**
Cust RO# **R41312**
Work Req **OHC**

Step **READY FOR SHIPPING.**
TSO **0.00**
Dept # **CUS** Location **BRYAN**
Warranty Code **00 / 360**
Goodthru AD#

P/N **512-01 / TACH.IND.,DUAL W/SYNC** S/N **5833** Mfg **INST INC**

Reason/Rm:
SYNCHRONISER IS NOT WORKING. PLEASE INSPECT AND QUOTE FOR OVERHAUL.
Date Reqr'd: Date Estmtd: Nov 13, 2009

Preliminary Inspection: Date: Nov 6, 2009 Inspector: BC *[Signature]*
NO EXTERNAL DAMAGE.

Pre Test (Yes/No): Y Date: Dec 3, 2009 Inspector: ST *[Signature]*
UNIT IS OPERATIONAL EXCEPT FOR SYNCHRONISER.
POINTER TRAVEL IS SLUGGISH.

Teardown Findings:
NORMAL DIRT AND WEAR.
SYNCHRONISER INOP. DUE TO CORROSION BUT REPAIRABLE.
Technician: ST *[Signature]* Date: Dec 4, 2009 Inspector: GG *[Signature]*

Final Inspection Before Assembly: Date: Dec 7, 2009 Inspector: GG *[Signature]*

Corrective Action:
OVERHAULED
*OVERHAULED AND TESTED USING MANUAL 86M087.
*CESSNA P/N C668016-0101.
Technician: ST *[Signature]* Date: Dec 7, 2009 Inspector: GG *[Signature]*

Final Inspection:
Technician: STEVEN THOMPSON *[Signature]* Date: Dec 7, 2009
Inspector: GREGORY GARZA (2463291) *[Signature]* Date: Dec 7, 2009

Parts Detail:

Line#	Part Number/Description	W	CD	RmvCde	Qty	Serial Number
1	SSR-2ZZR BEARING			N NE 02	4.00	

MAINTENANCE RELEASE RECORD

The component identified above was OVERHAULED in accordance with the current regulations of the Federal Aviation Administration, and is APPROVED for return to service. Other pertinent details of the repair are on file at this repair station.

Approved return to Service By **GREGORY GARZA (2463291)** Date **Dec 7, 2009**



3414 W. 29th St South
Wichita, Ks 67212, US
FAA Certified Repair Station No. NV2R045L, EASA.145.4033
Ph: (316) 943-6100, Fax: (316) 943-2917

Work Order
W/O Number: WO4574
Part Number: 30-1172-1
Serial No: 1703
Work Type: OVERHAUL
Printed: 1/25/2011 Page#: Page 1 of 3

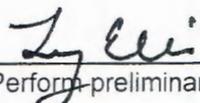
Bill To: 12559 Phone #: 800-433-0814
PREFERRED AIRPARTS
PO BOX 12
11234 HACKETT RD
KIDRON, OH 44636
US

Ship To:
PREFERRED AIRPARTS
11234 HACKETT RD.
KIDRON, OH 44636
US

Part No: 30-1172-1 Qty: 1 Refno: R42637 Need Date: 2/9/2011
Cust PN: Mfg: HGL Ship Via: UPS REGULAR Sched Date: 2/9/2011
Descr: STROBE POWER SUPPLY Mfg SN: Ship Acct#: 499-771
SN: 1703 Terms: NET 30

Notes: JAN 31 2011

RECEIVING INSPECTION Perform receiving inspection, examine for obvious damage, verify part number and attach appropriate documents

Start:  34595S Signature/Stamp  Complete:  34595C

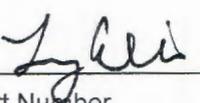
PRELIMINARY INSPECTION, HIDDEN DAMAGE INSPECTION & TEARDOWN Perform preliminary inspection, hidden damage inspection, disassembly & cleaning.

Start:  34596S Signature/Stamp  Complete:  34596C

OVER & ABOVE Over and Above Details

Start:  34597S Signature/Stamp Complete:  34597C

ASSEMBLY & IN PROCESS INSPECTIONS Perform required workscope, requisition parts & assemble in accordance with approved data & quality processes.

Start:  34598S Signature/Stamp   Complete:  34598C
FEB 02 2011

Qty	CD	Part Number	Description	Location
0	NE	.01@80VDC	CAPACITOR 18F2528	K-01-02
1	NE	173-9-320P	INSULATOR 46F7843	F-26-02
0	NE	1N4007	DIODE 78K2222	K-02-04
1	NE	1N4752A	ZENER	K-03-01
0	NE	1N4754A	ZENER 78-1N4754A	K-03-02
1	NE	1N5399	RECT 512-1N5399	K-04-01
0	NE	1N645	DIODE 526-NTE116	K-04-03
0	NE	25-0491-1	LENS	I-03-10
0	NE	27F779	FUSE HOLDER 67K0263	K-06-01
0	NE	2N3055	TRANSISTOR	K-08-06

3414 W. 29th St South
Wichita, Ks 67212, US
FAA Certified Repair Station No. NV2R045L, EASA.145.4033
Ph: (316) 943-6100, Fax: (316) 943-2917

Work Order
W/O Number: WO4574
Part Number: 30-1172-1
Serial No: 1703
Work Type: OVERHAUL
Printed: 1/25/2011 Page#: Page 2 of 3

JAN 31 2011

0 NE 2N4870	TRANSISTOR NTE6410	I-04-04
1✓ NE 2N4893	TRANSISTOR	K-09-01
0 NE 31-1723-7	PLATE	I-04-10
0 NE 31-2106-1	INSULATOR	K-09-07
1✓ NE 31-2401-1	DECAL, TRIGGER	K-10-02
0 NE 31-3791-1	SPACER	K-10-04
1✓ NE 39D228G025HP4	CAPACITOR 18F2639	K-12-05
0 NE 47F149	TRIG 75-225P400V0.22	K-14-02
1✓ NE 501H47W224KQ4	TRIGGER CAP	K-14-03
1✓ NE 55-0073-5	TRIGGER COIL	K-15-09
1✓ NE 55-0221-1	FLASHTUBE	K-16-01
1✓ NE 55-0276-1	TRANSISTOR 863-2N3055AG	K-16-02
0 NE 600D126F075KDA	CAP KDA	K-17-03
1✓ NE 61-0981-1	DECAL, WARNING	K-18-04
1✓ NE 65F2366	CAP 74-150D35V6.8	K-19-03
1✓ NE 87F5048	CAP 10UT 50V 70K8846	K-19-08
2✓ NE AEC1001-4	CAP 55-0339-321G2C2	C-44-04
0 NE CL0512	CLIP	K-21-03
0 NE CL052	CLIP	K-21-04
0 NE ECG130	TRANSISTOR SK3027	I-08-07
1✓ NE MCR1906-6	SCR CS39-4D	K-25-03
1✓ NE MR501	DIODE 1N5401	K-26-03
0 NE RC-880	SCR SK3578	I-11-08

TEST Functional Test

Start:

34599S

Signature/Stamp

OR
FEB 0 2 2011

Complete:

34599C

Measurement
INPUT VOLTAGE| 28
LOAD| OK
FPM| 53
STROBE VOLTAGE| OK
STROBE INTENSITY (cd)| 1678
OSCILLOSCOPE TESTS| 500
INSPECTOR STAMP OR DATE: FEB 0 2 2011

FINAL INSPECTION & MAINTENANCE RELEASE

Inspection review of component. Review all work performed, content embodied, & data used in the MRO cycle. Make airworthiness determination & release the product for return to service (if appropriate).

Start:

34600S

Signature/Stamp

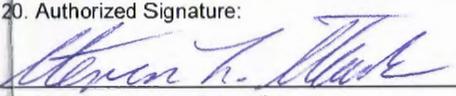
OR
FEB 0 3 2011

Complete:

34600C

TSN TSO TSR CSN CSO CSR

Manuals used to service this unit - **LLE**
MD30-1, Rev 2, Date: 6/1/1979
76-08-02 R2 0 AMENDMENT 39-4540 (CESSNA), Rev, Date: 1/31/1983
30-0515-33-0009, Rev C, Date: 6/25/1975

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 5750	
4. Organization Name and Address: Aerospace Turbine Rotables Inc. 3414 W 29th St South Wichita, KS 67217 US Ph: (316) 943-6100, Fax: (316) 943-2917 FAA Approval Holder: NV2R045L				5. Work Order, Contract or Invoice Number: WO336		
6. Item	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	STROBE POWER SUPPLY	30-1172-1	N/A	1.00	4359 890	OVERHAULED
13. REMARKS Overhauled and certified IAW the documents listed. Full details of work performed held on work order. Manual ID: MD30-1, Revision #: 2, Revision Date: 6/1/1979 Manual ID: 76-08-02 R2 0 AMENDMENT 39-4540 (CESSNA), Revision #: , Revision Date: 1/31/1983 Manual ID: 30-0515-33-0009, Revision #: C, Revision Date: 6/25/1975 The work specified in Block 12/13 was performed in accordance with EASA-Part 145 and with respect to the work, the aircraft component is considered ready for release to service under EASA Approval Certificate.EASA.145.4033						
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: NV2R045L
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): STEVEN L. STARL		23. Date (m/d/y): Oct/19/2010
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statement in 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.						

Aerospace Turbine Rotables Inc.

3414 W 29th St South
Wichita, KS 67217
US
Ph: (316) 943-6100, Fax: (316) 943-2917

Work Order

Work Order #: WO336

PN: 30-1172-1

SN: 4359

Work Type: OVERHAUL

Date Printed: 10/4/2010

To:
PREFERRED AIRPARTS
PO BOX 12
11234 HACKETT RD
KIDRON, OH 44636
UNITED STATES

Ship To:
PREFERRED AIRPARTS
11234 HACKETT RD.
KIDRON, OH 44636
UNITED STATES

Ref #: R42331	Phone #: 800-433-0814	Descr: STROBE POWER SUPPLY	Mfg: HGL	Need Date: 10/19/2010
Code: 12559	PN: 30-1172-1	SN: 4359	Ship Via: UPS REGI	Sched Date:
Qty: 1.00	Cust PN:	Mfg SN: 890	Ship Acct#: 499771	Container:

	Signature	Stamp

IN PROCESS Pending 40 Perform required workscope, requisition parts, and assemble in accordance with approved data.

Start:



2354S

Complete:



2354C

	Signature	Stamp
10-18-10	<i>[Signature]</i>	(DS)

Aerospace Turbine Rotables Inc.

3414 W 29th St South
 Wichita, KS 67217
 US
 Ph: (316) 943-6100, Fax: (316) 943-2917

Work Order

Work Order #: WO336
 PN: 30-1172-1
 SN: 4359
 Work Type: OVERHAUL
 Date Printed: 10/4/2010

To:
 PREFERRED AIRPARTS
 PO BOX 12
 11234 HACKETT RD
 KIDRON, OH 44636
 UNITED STATES

Ship To:
 PREFERRED AIRPARTS
 11234 HACKETT RD.
 KIDRON, OH 44636
 UNITED STATES

Ref #: R42331	Phone #: 800-433-0814	Descr: STROBE POWER SUPPLY	Mfg: HGL	Need Date: 10/19/2010
Code: 12559	PN: 30-1172-1	SN: 4359	Ship Via: UPS REGI	Sched Date:
Qty: 1.00	Cust PN:	Mfg SN: 890	Ship Acct#: 499771	Container: 15

OCT 18 2010

Qty	CD	PN	Description
0	NE	RC-880	SCR SK3578
1	NE	MR501	DIODE 1N5401
1	NE	MCR1906-6	SCR CS39-4D
0	NE	ECG130	TRANSISTOR SK3027
1	NE	CL052	CLIP
0	NE	CL0512	CLIP
2	NE	AEC1001-4	CAP 55-0339-321G2C2
1	NE	87F5048	CAP 10UT 50V 70K8846
1	NE	65F2366	CAP 74-150D35V6.8
1	NE	61-0981-1	DECAL, WARNING
0	NE	600D126F075KDA	CAP KD4
1	NE	55-0276-1	TRANSISTOR
1	NE	55-0221-1	FLASHTUBE
0	NE	55-0073-5	TRIGGER COIL
1	NE	501H47W224KQ4	TRIGGER CAP
0	NE	47F149	TRIG 75-225P400V0.22
1	NE	39D228G025HP4	CAPACITOR 18F2639
1	NE	31-3791-1	SPACER
1	NE	31-2401-1	DECAL, TRIGGER
1	NE	31-2106-1	INSULATOR
0	NE	31-1723-7	PLATE
1	NE	2N4893	TRANSISTOR
0	NE	2N4870	TRANSISTOR NTE6410
0	NE	2N3055	TRANSISTOR
1	NE	27F779	FUSE HOLDER 67K0263
0	NE	25-0491-1	LENS
0	NE	1N645	DIODE 526-NTE116
1	NE	1N5399	RECT 512-1N5399
0	NE	1N4754A	ZENER 78-1N4754A
1	NE	1N4752A	ZENER
0	NE	1N4007	DIODE 78K2222
1	NE	173-9-320P	INSULATOR 46F7843
0	NE	.01@80VDC	CAPACITOR 18F2528

Aerospace Turbine Rotables Inc.

3414 W 29th St South
 Wichita, KS 67217
 US
 Ph: (316) 943-6100, Fax: (316) 943-2917

Work Order

Work Order #: WO336
 PN: 30-1172-1
 SN: 4359
 Work Type: OVERHAUL
 Date Printed: 10/4/2010

To:
 PREFERRED AIRPARTS
 PO BOX 12
 11234 HACKETT RD
 KIDRON, OH 44636
 UNITED STATES

Ship To:
 PREFERRED AIRPARTS
 11234 HACKETT RD.
 KIDRON, OH 44636
 UNITED STATES

Ref #: R42331	Phone #: 800-433-0814	Descr: STROBE POWER SUPPLY	Mfg: HGL	Need Date: 10/19/2010
Code: 12559	PN: 30-1172-1	SN: 4359	Ship Via: UPS REGI	Sched Date:
Qty: 1.00	Cust PN:	Mfg SN: 890	Ship Acct#: 499771	Container:

TEST Pending 50 Functional Test

Start:



2355S

Complete:



2355C

Measurements

INPUT VOLTAGE| 28

LOAD| OK

FPM| 52

STROBE VOLTAGE|

STROBE INTENSITY (cd)| 755

OSCILLOSCOPE TESTS| 420

INSPECTOR STAMP DATE: OCT 19 2010



FINAL INSPECTION Pending

60

Inspection review of all work performed, all test results, content and approved data. Make airworthiness determination and release product for return to service.

Start:



2356S

Complete:



2356C

Signature

Stamp



OCT 19 2010

MECHANICS SIGNATURE

[Signature]

Authorized Signature:

[Signature]

OCT 19 2010

OCT 19 2010

Parts Total: \$0.00

Labor Total: \$0.00

Misc. Total: \$0.00

Total: \$0.00

YEAR
20 _____
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

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

AIRFRAME LOGBOOK ENTRY

Aircraft Reg#	A/C Make/Model	S/N	Date	
N8222Q	Cessna 414		11/13/12	
A/F Hours	Eng #1 Hrs	Eng #2 Hrs		0
A/F Cycles	Eng #1 Cycl	Eng #2 Cyc		0

- Cleaned & Serviced nose gear strut (**note: some leakage noted**)
- Replaced LH main tire using 650-10 ply Air Hawk

I certify that the maintenance, Preventive Maintenance, Inspection or Alteration was performed as described above and that I am authorized to release this aircraft for return to service. Further, I certify that the above work was performed in accordance with current Federal Aviation Regulations and applicable Technical Data as required by FAR Part 43. All items required to be inspected were inspected by an authorized person that determined the work was satisfactorily completed and no known condition exists that would make the aircraft unairworthy, and so far as the work or reference work is concerned, the aircraft is approved for return to service. Details of work performed on file under Work Order No. 1710



C. Blumer

Cert# 1773082 A&P Name C. Merrill Blumer
Global Executive-Jet Maintenance
120 Olmsted Way #5 ~ Monterey, CA 93940

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