



AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION N 1843Q Serial 177RG0243

RECORD NUMBER Log Book #2

APPENDIX 86-19-11

PILOT OPERATING PROCEDURES-PREFLIGHT FUEL SYSTEM CHECK

Fuel sampling: Fuel strainer, wing tank and reservoir quick drains.

1. Place a suitable container under the fuel strainer drain outlet prior to operating the strainer drain control for at least 4 seconds. Check strainer drain closed

2. Inspect the fluid drained from the fuel strainer and each wing tank quick drain for evidence of fuel contamination in the form of water, rust, sludge, ice or any other substance not compatible with fuel. Also check for proper fuel grade before the first flight of each day and after each refueling. If any contamination is detected, comply with 4 below.

3. Repeat Steps 1 and 2 on each wing tank quick drain.

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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1986 4-24-86			I certify that the static systems tests required by FAR 91.177 have been performed and the altimeter has been certified I/O w/ Part 43 Appendix E, by [Signature] [Signature] The ATC Transponder tests and inspections required by FAR 91.172 were performed on this date and found to comply with FAR 43 Appendix F. Details of this inspection are on file at this Repair Station under W.O. #2294 ATC Transponder #T-150 Ser. No. 22952 Date 4-24-86 [Signature] [Signature] South State Aviation, Inc. Manhato, MA 06001 South State Aviation, Inc. FAA Repair Station C1412 Manhato, MA 06001	
5-29-86			Removed King KR-85 ADF, Indicator + antenna, Installed used King KR-86 ADF and KR-85 Antenna. Installed in accordance with M4446-2-3-507 and A.C. 43.13-2A Chapter 22, weight & balance Revised [Signature] FAA Repair Station C1412 South State Aviation, Inc. Manhato, MA 06001	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1987				
11-11-87			Installed new NARCO RA-800 Altimeter encoder. Installed in accordance with manufacturer's Installation Manual & AC 43.13-1 Chapter 11 Sections 2-3-5 & 7, & AC 43.13-2 Chapter 2 & 3, weight & balance revised, Form 337 filed.	Donald E. Lindeman FAA Repair Station #1472 South State Aviation, Inc. Manhasset, MA 01901
			I certify that the static systems tests required by FAR 81.171 have been performed and the altimeter has been certified in accordance with Part 43 Appendix E, by Repair Station #1472 to 2,000 ft. <u>Donald E. Lindeman 11-11-87</u> Signature Date South State Aviation, Inc. Manhasset, MA 01901	The ATC Transponder tests and inspections required by FAR 81.172 were performed on this date and found to comply with FAR 43 Appendix F. Details of this inspection are on file at this Repair Station under W.O. #3340 ATC Transponder 11-150 Ser. No. 22952 Date 11-11-87 <u>Donald E. Lindeman</u> Signature South State Aviation, Inc. FAA Repair Station #1472 Manhasset, MA 01901

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1988				
4-26	2255.3		Tach 637.3 SMOH Engine 325.3 SMOH Prop. Performed routine maintenance and lubrication as per Cessna 177RG Service Manual C/W AD 87-20-03 R1 Cessna seat track insp. per (C) (a) (1)-(7) Due next Annual Test Mag. C/W AD 78-09-07 R3 Bendix Impulse coupling insp. per SB 599B S/N 332784 Altimeter & Static due 11-89 Transponder ck due 11-89 ELT Battery due 10-89 I certify This aircraft has been inspected in accordance with an 100 HR inspection and was found to be in an airworthy condition Within 1 hour A+P 472708602	
4-26-88			I certify this aircraft has been inspected in accordance to an annual inspection and was determined in airworthy condition Victor J. Hack & Co 1917165	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1989 Mar 15,	2316	.0	All covers removed, inspected A/C's general condition + security Engine + Flight controls, cables, pulleys, bellcranks, + control surface attach points checked + lubed. Aileron + stabilator cable tensions set to 177 RG Service manual specifications. Retraction test (OK). New O-rings in nose strut, Filled with Mil-H-5606 + air. Wheels + brakes checked, serviced brake reservoirs. Checked Hydraulic system's fluid level. Electrical system operated, battery serviced with water + charged. ELT checked battery due Oct 1989. C/W AD 87-20-03 R1, seat locking + engagement, parts within tolerances at this time, due again at next annual, AD 88-12-12 Amend 39-5941 effective July 5, 1988, Power loss due to water in system, modified fuel system. IMAW Air Plains Inc STC SA 2344CE Quick drain control	

Total Time 2316.0
Tachometer 2316.0 I certify that this (aircraft) (engine) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition.

Dated Mar 15, 1989
Bruce Lauer #1475762102

DATE 3-15-89 TACH 2316.0
"I certify that this Hydram has been inspected in accordance with a Thru inspection and was determined to be in Airworthy Condition."

Richard Trumble
IT 480364969

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1990 March 28			Installed AIRSPORT CORP. ALTITUDE NAG model #15 9N467B wired for direct plug connections to a NARCO AR-850 blind Encoder, + using a NARCO AT-150 Transponder. Installed control Head on upper Left Instrument panel in front of Pilot. Installed in accordance with manufacturers Installation Manual + AC 43.13-1A Chapter 11 Sections 23-577 + AC 43.13-24 Chapter 23, Form 337 filled. Weight Change Negligible. Ramp tested Altitude NAG with approved Static System tester, and Transponder Ramp Tester. See proper operation + sound NO interference with operation with either the transponder or Encoder.	
				<u>Donnell Huber</u> FAA CTS WASE984M South State Arkansas Mon Mather, AR 7256001

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 <u>90</u> <i>March 28</i>			I certify that the static systems tests required by FAR 91.171 have been performed and the altimeter has been certified 1/8" ± Part 43 Appendix F, by Repair Station (P) <u>2000</u> ft. <i>Signature</i> <u>[Signature]</u> <i>Date</i> <u>3-28-90</u> <i>South State Aviation, Inc.</i> <i>Manhasset, NY 11040</i>	
			The ATC Transponder tests and inspections required by FAR 91.172 were performed on this date and found to comply with FAR 91 Appendix F. Details of this inspection are on file at this Repair Station under W.O. # <u>408</u> ATC Transponder <u>AT-15</u> Ser. No. <u>2295</u> <i>Date</i> <u>3-28-90</u> <i>Signature</i> <u>[Signature]</u> <i>South State Aviation, Inc.</i> <i>Manhasset, NY 11040</i>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 <u>90</u> <i>Apr 10</i>	<i>2438</i>	<i>4</i>	All covers removed, inspected A/C's general condition + security. Engine + flight controls, cables, pulleys, bellcranks, and controls surface attach points checked + lubed. Electrical system operated battery checked + cleaned, ELT checked, battery due, new battery is on order. Gear retraction test satisfactory, gear fluid reservoir serviced, wheels + brakes checked. CIWAD 87-20-03 R1, seat + rail inspection, OK, due again next annual	
			<i>DATE</i> <u>Apr 10 1990</u> <i>TACH</i> <u>2438.4</u> "I certify that this <u>AC</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in Airworthy Condition." <i>Signature</i> <u>[Signature]</u> <i>FA 480864967</i>	
			<i>Total Time</i> <u>2438.4</u> <i>Tachometer</i> <u>2438.4</u> I certify that this (aircraft) <u>(engine)</u> has been inspected in accordance with a <u>(100 hour)</u> (100 hour) inspection and was determined to be in airworthy condition. <i>Dated</i> <u>4/10/90</u> <i>W.O. No.</i> <u></u> <i>Signed</i> <u>[Signature]</u> <i>FA 475767102</i>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1991 Feb 19	2535	2	adjusted Left main gear sequential switch to Cessna 177RG recommendations, operation check OK gear satisfactory. Bruce Lawen A+P# 475767102	
Jun 1	2539.6	6	Each 2539.6 All covers removed, inspected A/C's general condition + security. Engine + flight controls, cables, pulleys, bellcranks, flap actuator + control surface attach points checked + lubed. Electrical system operated, battery checked + charged, replaced both gear down lock support blocks + solenoids with new parts, adjusted gear down locks + switching to Cessna 177RG Service Manual instructions, performed gear retraction check. wheels + brakes checked, brake reservoir + gear powerpack serviced with fluid. ELT check battery due May 1992. Installed Walker Engineering Company Airsep oil recovery system under STC SA3860WE using supplied instructions DLW-3003-2. C/W AD 87-20-03 R2 seat + rail inspection, due again next annual.	

Total Time 2539.6

Tachometer 2539.6 I certify that this (aircraft) (~~engine~~) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition.

Dated 6/1/91 W.O. No.

Signed Bruce Lawen A+P# 475767102

9-10-91 installed all new aerquip rose for landing gear retract cyl. L + R main and nose wheel run gear and no leaks. repeat aviation CRF YFSR-826R

MAINTENANCE RECORD

DATE 19 <u>91</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
10-15-91	2586	1	Removed King KN-65 DME SYSTEM. Installed Apollo Flybuddy Loran C and A-16 antenna in accordance with Manufacturer's Installation manuals and A.C. 43.13-1A chapter 11, Sections 2, 3, 5 & 7 and A.C. 43.13-2A chapters 2 & 3. Weight & balance revised. Form 337 Filed. Aircraft was ground & flight tested for static interference in accordance with A.C. 20.121A. A "Loran C not approved for IFR" placard was installed on the instrument panel in front of the pilot. An operational manual was added to the Aircraft logs & manuals. The aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under: ORDER NO. <u>373</u> DATE <u>10-15-91</u> SIGNED <u>[Signature]</u> FOR _____ FAA CERTIFIED REPAIR STATION KDS934M SOUTH STATE AVIONICS MANKATO MUNICIPAL AIRPORT Rt. 5 Box 122 Mankato, Minn. 56001	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1992				
1/6/92	2621.2		I certify that the altimeter, static system, transponder, and altitude reporter test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.6a. TESTED TO <u>20,000</u> feet.	
			Altimeter Model <u>United</u> #1 S/N <u>53443</u> #2 S/N <u>X</u> Transponder Model <u>AT-150</u> #1 S/N <u>22952</u> #2 S/N <u>X</u> Altitude Reporter <u>AR850</u> #1 S/N <u>24095</u> #2 S/N <u>X</u> SIGNED <u>E. J. V. KILL</u> SOUTH STATE AVIONICS INC. MANKATO, MN 56001 CRS KDSR984M WORK ORDER # <u>5344</u>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1992				
July 17.	2636	3	Tach 2636.3 All covers removed inspected AIC's general condition + security. Engine + flight controls, cables, pulleys, bellcranks, + control surface attachment points checked + lubed. Electrical system operated, battery serviced, gear retractions + warning systems checked. Wheels + brakes checked, lubed gear system, serviced brake + gear powerpak reservoirs. ELT checked, battery due, placed on order. C/w AD 87-20-03 R2, seat + rails inspection due again next annual. Installed Electronics International EGT/CHT unit per Installation Instructions No. 070281 under Electronics International Inc.	
	STC	SA 1626 NM.		
			Total Time <u>2636.3</u> Tachometer <u>2636.3</u> I certify that this (aircraft) (engine) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated <u>7/17/92</u> W.O. No. _____ Signed <u>Bruce Lauer</u> Aup # <u>475767102JA</u>	

MAINTENANCE RECORD

1993	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
4-20-93	2675	7	Removed Electric Fuel Boost Pump and installed rebuilt unit Model 4140-00-17 s/n 10340 (Oakes) See release DATED 4-16-93 From (Casper Air Service. Tim Steen) AIP485301760	
6-23-93	2683		Blanced Prop TO Engine with Chadwick Test Set Willmar Air Service JAC/Hayes 480628281	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1993 Aug 5	2702	1	Tach 2702.1 All covers removed, inspected AIC's general condition and security. Engine + flight controls, cables, pulleys, bellcranks, actuators, and control surface attach points checked + lubed. Wheels + brakes checked, strut serviced with air, shimmy damper checked, serviced brake + power pack reservoirs. Electrical system operated, performed retraction/extension and warning system checks for gear, ELT checked battery due Oct 1994. C/W AD87-20-03R2 Seat + rails, due again next annual	
			Total Time <u>2702.1</u> Tachometer <u>2702.1</u> I certify that this (aircraft) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated <u>8/5/93</u> W.O. No. _____	

MAINTENANCE RECORD

DATE 19 <u>84</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
6-19-84	2712	6	I certify that the altimeter, static system, transponder, and altitude reporter test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.6a. TESTED TO <u>29000</u> feet.	
			Altimeter Model <u>United</u> #1 S/N <u>03443</u> #2 S/N <u>X</u> Transponder Model <u>AT-15C</u> #1 S/N <u>22952</u> #2 S/N <u>X</u> Altitude Reporter <u>AL-850</u> #1 S/N <u>24645</u> #2 S/N <u>X</u> SIGNED <u>Donald E. [Signature]</u> SOUTH STATE AVIONICS INC. MANKATO, MN 56001 CRS KDS5384M WORK ORDER # <u>6529</u>	

MAINTENANCE RECORD

DATE 9-1 19 <u>84</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
9-1-84	2781	6	Hr. TACH Time 2781.6 Hrs. Annual Inspection Completed This date. A/c inspected per Shop Inspection Form C.W. A.D. # 87-20-03R2 Post Track Insp. (Due Again Next Annual). Jacked A/c performed Gear Retraction & Extension Test and emergency extension.	
			Date <u>9-1-84</u> Tach Time <u>2781.6 Hrs.</u> Total Airframe, Engine Time <u>2781.6 Hrs.</u> "I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an Airworthy Condition." See W.O.# <u>008476</u> File # <u>[Signature]</u> at this Repair Agency <u>[Signature]</u> A&P 485701760 IA	

MAINTENANCE RECORD

DATE 19 <u>95</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
3-22	2794.4	4	I Certify This Aircraft is was found airworthy for flight And was found Airworthy for flight From Blue Earth To Anoka Co. Airport Minneapolis. 1 in Sten AEP 485701760	
3-22-95			TACH Time 2794.4 Removed Prop for repair Reinstalled Prop after repair, Prop s/n 774937 Model B2034C207 See release TAGS 1 in Sten AEP 485701760	

MAINTENANCE RECORD

DATE 19 <u>95</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
10 4 95	2815.4	4	Tach Time 2815.4 Hrs. All Inspection completed per shop Inspection Form. Jacked A/c Retracted Gear & tested Emergency extension. New up Gear Saddle Pad installed & Gear checked for proper operation and Lock. Completed with Service Letter SE 78-48 By installing Cessna P/N 82374- 7.5 Fuse Holder in Cigar Lighter wire and reconnected wires To Lighter. Lubed Controls. ELT checked for operation & Battery Good TIL 2-97 Date 10-4-95 Tach Time 2815.4 Hrs. Total Airframe, Engine Time 2815.4 Hrs. "I certify that this Aircraft has been inspected in accordance with Annual inspection and was determined To be in Airworthy Condition." See W.O. 008517 on permanent file at this Repair Agency. Signed 1 in Sten AEP 485701760 IA	

MAINTENANCE RECORD

100-101100 IV

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
12-14-95	2838	4	Removed # MORROW Flybuddy Loren + Loren Antenna Installed # MORROW Flybuddy GPS and GPS Antenna Installed IN accordance with Manufacturer's Installation Manual and #4713-1A Chapter (Sections 2-3-5-6) and #4713-2A Chapter 2-3, weight change negligible, Form 337 file The aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under: ORDER NO. <u>7153</u> DATE <u>12-14-95</u> SIGNED <u>[Signature]</u> FOR FAA CERTIFIED REPAIR STATION KDS0000M SOUTH STATE AVIONIC MANKATO MUNICIPAL AIRPORT P.O. Box 122 Mankato, Minn. 56001	
12-10-95	2839	0	Installed Skybolt Cowl Fastener Kit # SK245 In Accordance with STC # SA328650 & Installation Instructions # Rev-A-09/195 Skybolt Phone # 407-889-2613. <u>Tim Steen</u> A:P 485701760	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1996				
3-15	2839	2	Removed and replaced all windows, except rear side windows, with new parts from Great Lakes Aero Products Inc. Installed with new felt seals from Mfg. Removed all counterbalanced control surfaces for painting. Balanced and reinstalled after painting. All controls surfaces balanced within limits. All work was done in accordance with Cessna 177RG manuals. <u>J. Pichey</u> AP470726268	

SHOP

WORK ORDER

CORRESPONDENCE

MARK'S AIRCRAFT PAINTING

Waseca Airport
Waseca, MN 56093
1-800-345-2772

MARK'S AIRCRAFT PAINTING

21789 105th Street
New Richland, MN 56072

Customer Information:

Company:

Individual:

Victor J. Johnson

City: Blue Earth

State: MN

Zip: 56013

Phone: (507) 526-2774

Fax: ()

Aircraft Information:

ACFT MFG: CESSNA

ACFT MODEL: 177RG Cardinal

ACFT YR: 1972

ACFT S/N 00243

N-1843Q

COLOR EXT:

COLOR INT:

WORK TO BE PERFORMED

	Dollars	Cents
Base Price consists of: Complete strip and etch, up to 3 (three) base coat colors and clearcoat.	BASE PRICE	\$ 2850 00
White 91040		
Dark Red 74007		
Red 74013		
Jan 2nd Week		
Optional Work: (Includes Installation)		
Stainless Steel Screw Kit: (Exterior only) Cowling, Wing Tips and Inspection Plates.	\$	
Stainless Steel Wing Tank Cover Screw Kit.	\$	
Wing Root Seals.	\$	
Wing Walk Strip.	\$	
Repair Wing Tips and Nose.	\$	
SUB TOTAL	\$	
SALES TAX	\$	
TOTAL	\$	2850 00
DEPOSIT	\$	1425 00
BALANCE DUE	\$	1425 00

Payment Terms: \$1,000.00 down payment (single eng.) \$2,000.00 down payment (multi engine) balance due upon delivery by Certified check or money order unless other arrangements have been made prior to work being completed. A service charge of 1.5% per month 18% ANNUAL PERCENTAGE RATE will be charged on all accounts not paid within 30 days. The owner grants to Company a possessory and mechanics lien under the laws of the State of Minnesota and of the United States Federal Aviation Regulations for the improvement of owner's aircraft in an amount equal to the unpaid balance of owner's account, plus storage and interest charges. This lien shall entitle Company to retain the aircraft until Company is paid and/or perfect, enforce or foreclose said lien in any manner provided by law. Company shall not be liable for damage to owner's aircraft while it is stored outside of company's hangar, whether caused by weather, theft, acts by third parties or causes unknown. Owner authorizes Company to store Owner's aircraft outside in the normal course of Company's business and Owner assumes all risk thereof. Company shall not be liable for personal property of Owner left in Owner's aircraft on Company's premises or tie-downs adjacent to Company's hangar. Company shall not be liable for variation of color or defects in paint provided by others. The liability of Company shall be limited to labor necessary and performed by Company to correct any defect or deficiency resulting from its negligence. Company shall not be liable for consequential damages, lost revenue or any other claim of damages alleged in the event the completion date of Owner's aircraft is not met, unless specifically agreed to by Company. Company agrees to use its best efforts to complete the work in a workmanlike and timely manner. The owner acknowledges that the availability of paints and supplies from third party suppliers or illness etc. are beyond the control of Company and will not result in penalty to the Company in the event of delay in completion of Owner's aircraft. Owner agrees that Owner's aircraft insurance shall be the primary insurance in the event of loss or damage to Owner's aircraft while on Company's premises or stored at Waseca Municipal airport. Owner represents that he is the lawful Unrway of the aircraft and has full authority to authorize the work specified. Corporate Ownership: This signer in behalf of Owner corporation assumes individual and personal financial liability for the work specified. Mechanical work, repairs and inspections necessary to be performed by an FAA licensed AP or AL, shall be the responsibility of the Owner.

ALL COMPLETED AIRCRAFT MUST BE PICKED UP WITHIN 5 DAYS OF COMPLETION UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE WITH COMPANY. \$20.00 PER DAY STORAGE FEE WILL APPLY AFTER 5 DAYS.

Printed Name of Auth. Agent:

Date:

Signature of Authorized Agent:

Date:

MAINTENANCE RECORD

DATE 19 <u>96</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
<u>6-24-96</u>	<u>287</u>	<u>3</u>	I certify that the altimeter, static system, transponder, and altitude reporter test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.6a TESTED TO <u>20,000</u> Altimeter Model <u>Univert</u> #1 S/N <u>J3443</u> Model <u> </u> #2 S/N <u> </u> Transponder Model <u>AT-150</u> #1 S/N <u>22952</u> Model <u> </u> #2 S/N <u> </u> Altitude Model <u>AA-850</u> #1 S/N <u>24045</u> Model <u> </u> #2 S/N <u> </u> SIGNED <u>David E. Chace</u> NORTH STAR AVIATION, INC. Mankato, MN 56001 FAA CRS# NUTR521L W/O# <u>1572</u>	
<u>Sept 14 1999</u>			Tach <u>2876.7</u> Total <u>2876.7</u> Inspected owner repair of nose gear door & hinge Found airworthy <u>Bruce Lawton A/P # 475767102</u>	

MAINTENANCE RECORD

DATE 19 <u>97</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
<u>Feb 1 1999</u>	<u>2884.3</u>	<u>3</u>	Tach <u>2884.3</u> All covers removed, inspected A/C general condition & security Engine & flight controls, cables, bellcranks, pulleys, actuators, & control surface attach points checked & lubed. Electrical system operated, battery serviced & charged, ELT checked battery due <u>Feb 1999</u>. Performed gear retraction & extension checks, checked powerpak reservoir, wheels & brakes checked, replaced brake cylinder O-rings, owner installed new brake linings, checked shimmy damper. Overhauled alternator installed. New vacuum regulator filter installed. CIWAD 87-20-03 R2, seats & rails, due again next annual. ELT battery replaced, ELT checked battery due <u>March 1999</u>	
			Total Time <u>2884.3</u> Tachometer <u>2884.3</u> I certify that this (aircraft) (engine) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated <u>2/1/99</u> W.O. No. <u> </u> Signed <u>Bruce Lawton A/P # 475767102</u>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 78				
3/4	2910.4		Tach 2910.4 All covers removed, inspected A/C general condition and security. Engine and flight controls, cables, pulleys, bellows, and control surface attach points checked & lubed. Electrical system operated battery serviced & charged. ELT checked new battery installed due Mar 1999, new beacon lamp installed. Performed gear retraction / extension checked, check powerpack fluid level. Wheels & brakes checked, serviced tires with air. C/W AD 87-20-03 R2, seats & rails, due again next annual. AD 97-01-13, hose assemblies, DVA affected assemblies never installed	
			Total Time <u>2910.4</u> Tachometer <u>2910.4</u> I certify that this (aircraft) (engine) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated <u>3/4/98</u> W.O. No. _____ Signed <u>[Signature] A-P#425267102TH</u>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19 98				
7-1-98	2954	7	I certify that the altimeter, static system, transponder, and altitude reporter test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.6a TESTED TO <u>20,000 FT</u> Altimeter Model <u>UNITED</u> #1 S/N <u>J3443</u> Model _____ #2 S/N _____ Transponder Model <u>AT-150</u> #1 S/N <u>22952</u> Model _____ #2 S/N _____ Altitude Model <u>AR-850</u> #1 S/N <u>24045</u> Model _____ #2 S/N _____ SIGNED <u>[Signature]</u> NORTH STAR AVIATION, INC. Mankato, MN 56001 FAA CRS# NUTR521L W/O# <u>2238</u>	
Jun 10 1999	3020.2		Tach 3020.2 Aircraft found in a condition for the flight intended in accordance with Special Flight Permit dated 6/8/99	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1999				
Jun 15	3021.1	1	Tach 3021.1 All covers removed, inspected APC's general condition + security Engine + flight controls, cables, pulleys, bellcranks, + control surface attach points checked + lubed. Electrical system operated, battery serviced + charged. ELT checked, found inoperative, removed ELT Nance ELT-10, SIN 44950 and sent to manufacturer for repairs, placarded panel. wheels + brakes checked, brake masters serviced. Performed gear retraction + extensions, greased + lubed gear system, checked power pack fluid level. Tires serviced with air. Nose strut serviced with air. C/W AD 87-20-03R2, seats + rails, due again next annual. AD 96- 09606, Brackett Filter assembly P/C/W, has Flanged housing.	
			ATTACH TO FRONT OF LOG BOOK	
			REPLACE ELT BATTERY BY:	
			AUG 28 2001	
			Total Time 3021.1 Tachometer 3021.1 I certify that this (aircraft) (engine) has been inspected in accord- ance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated 6/15/99 W.O. No. Signed Bruce Sawyer A-1449516710217	

P/N 07005-1E

MAINTENANCE RELEASE

NARCO AVIONICS INC., REPAIR STATION NO. DV1R100K
270 Commerce Dr., Ft. Washington, Pa. 19034-2450

Customer WALS Model # 6710

P/N S/N 44950 Date 7-12-98

The equipment / appliance identified by W.O. # 332011

was repaired in accordance with current FAA regulations

and was found to be airworthy with respect to the work

performed. Pertinent details of the repair are on file at

this agency. Signed: [Signature]

NARCO AVIONICS INC.

SERVICE TAG

MODEL # 6710

S/N 44950

DATE 7-12-98

W.O. # 332011

DETACH AND AFFIX

TO LOGBOOK

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1999				
Oct 8 1999	3031.0	0	Tach 3031.0 Removed Electronics International EC-1 digital EGT/CHT install July 17, 1992 and installed Electronics International Model 486-16 bar graph + digital unit engine analyzer, SIN 37626, in accordance with Electronics International MDL 1111882 and Installation Instructions II 1111981, under STC SA006805E. Negligible weight change. 337 Filed. Bruce Sawyer A-14495167102	

72.2 MAINTENANCE RECORD

DATE <u>2000</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
	3093	3	Tach 3093.3 All covers removed, inspected A/C's general condition + security. Engine + flight controls, cables, pulleys, bellcranks, + control surface attachment points checked + lubed. Electrical system operated, battery serviced, ELT checked per 91.207(b) battery due Aug 2001. Wheels + brakes checked masters serviced, replaced right wheel brake linings, performed gear retraction extension checks, power pack serviced, greased + lubed gear system, CIW SEB 89-1 Rev 3, installed steel attach brackets to stabilizer per instructions included in SEB 89-1, Rev 3, reattached stabilizer using all new hardware. CIW AD 87-20-03 R2, seats + rails checked, due again next annual. CIW AD 99-24-10, Precise Flight Backup Vacuum shuttle valve replaced with new part 51016687-3221A, complied with AMOC FAA letter dated Jan 21, 2000, (see letter with Flight Manual Supplement), placards install, ground check performed, no further action required. AD 2000-06-01, gasculator stand pipe, OVA not replaced or worked on during affected period + pipe length is correct	
			Tachometer <u>3093.3</u> I certify that this (aircraft) (engine) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated <u>8/1/00</u> W.O. No. _____ Signed <u>Bruce Bauer</u> <u>FAA 475767102 IA</u>	

MAINTENANCE RECORD

DATE <u>2000</u>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
<u>9-20-00</u>	<u>3106</u>	<u>4</u>	I certify that the altimeter, static system, transponder, and altitude reporter test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.6a TESTED TO <u>20000 ft</u> Altimeter Model <u>United</u> #1 S/N <u>J3443</u> Model _____ #2 S/N _____ Transponder Model <u>AT-150</u> #1 S/N <u>22952</u> Model _____ #2 S/N _____ Altitude Model <u>TA-550</u> #1 S/N <u>290615</u> Model _____ #2 S/N _____ SIGNED <u>Daniel E. Culm</u> NORTH STAR AVIATION, INC. Mankato, MN 56001 FAA CRS# NUTR521L W/O# <u>3088</u>	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
March 6/2001	3116.2		INSTALLED ZETRONICS Voltage Reg/Alternator CONTROLLER WITH P/N R15100 IN ACCORDANCE WITH STC SA8031SW SEE 837 same DATE AP# 47580518	
2001 Sept 11	3126.3		Tach 3126.3 All covers removed inspected A/C's general condition + security. Engine + flight controls, cables, pulleys, bellcranks, and control surface attach points checked + lubed. Electrical system operated, battery serviced. ELT checked per 91.207(d), new battery installed due again Landing gear actuator flexible lines P/N's 52888-4-0140, 52888-4-0100, 52888-4-0150, and 52888-4-0114. Performed gear retraction + extension checks, Lubed gear system + serviced powerpak. Owner installed new door and baggage door seals with new. Installed new, P/N 1280111-1, Right side brake line swivel on gear pivot. Bled brakes, serviced masters. Installed RPM + MAP Function Modules to Electronics International UBC-16 unit, CIW AD 87-20-03 R2, seats + rails checked, due again next annual	
			Total Time 3126.3 Tachometer 3126.3	I certify that this (aircraft) (engine) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated 9/11/01 W.O. No. Signed Bruce Sawyer AP# 475767102

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
Jan 22 2002	3156.0		Tach 3156.0 Replace OEM cylinder head temperature as a primary instrument with previously installed Electronics International UBC-16 Bar Graph Engine Analyzer. See 337 Form dated Jan 22, 2002 Bruce Sawyer AP# 475767102	
Mar 12 2002	3158.2		Tach 3158.2 Seats installed after recovered in leather that conforms to FAR 23.853(a). See Skandia, Inc Test data, dated 1/08/02, W/O 74325-02. Test data placed in records Bruce Sawyer AP# 475767102	

MAINTENANCE RECORD

DATE 2002	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
Oct 4	3204.4		Tach 3204.4 All covers removed, inspected A/C's general condition + security. Engine + flight controls, cables, pulleys, belleracks, + control surface attach points checked + lubed. Electrical system operated battery serviced + charged. ELT checked per 91.207(d) battery due October 2003. Install extra No. 79 diodes for UBG-16 Engine Analyzer to read engine RPM accurately. Wheels + brakes checked, serviced brake masters. Performed gear retraction/extension checks, service reservoir, resoldered loose powerpack pressure switch wire. Installed missing rivets in lower left side cowl attach bracket. Lubricated landing gear system. Installed Cessna Service Kit SK 177-23, upper door post reinforcement, brackets 1713354-1 and 1713354-2 installed per Installation Instructions CIW AD 87-20-03 R2, seats and rails checked, due again next annual	Total Time <u>3204.4</u> Tachometer <u>3204.4</u> I certify that this (aircraft) (engine) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated <u>Oct 4/2002</u> W.O. No. _____ Signed <u>Bruce Lauer AHP 475767702</u>

MAINTENANCE RECORD

DATE 2003	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
Jan 6	3209.1		New leather and carpet installed over interior side panels. Material conform to FAR 23.853(a) and 23.853(b)(5)(v). See 8110.3 Forms dated 1/8/02 + 4/22/02 Bruce Lauer AHP 475767702	
Feb 7	3209.1		Replaced Carpeting on Floor with AirTex Approved + Fitted Carpeting. - Owner Installed - Victor J. Johnson Private License 484-304268	

MAINTENANCE RECORD

DATE <i>2003</i> 10/27 <i>Nov 7</i>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
	3246.8		Tach 3246.8 All covers removed, inspected A/C's general condition + security. Engine + flight controls, cables, pulleys, bellcranks, + control surface attach points checked + lubed. Electrical system operated. Battery serviced + charged. ELT checked per 91.207(d), new battery installed, due again Dec 2005. Performed gear retraction/extension checks, serviced power pak with fluid. Installed new nose gear down lock cushion PIN 2043006-4 and nose gear rear doors up mechanism wear strip PIN 2043012-9. Gear system lubed. Replaced left + tail nav light lamps. Installed newer model instrument light dimmer in aircraft, see 337 Form filed this date. Replaced right cowling flap hinge with new, C/W AD 87-20-03 R2, seats + rails, due again next annual. AD 2003-14-03, rotary fuel pump and AD 2003-13-17, prop blades, does not apply by type + overhaul facility, C/W AD 99-24-10, standby vacuum system checked	Total Time <u>3246.8</u> Tachometer <u>3246.8</u> I certify that this (aircraft) (engine) has been inspected in accord- ance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated <u>11/21/03</u> W.O. No. _____ Signed <u>Bruce Lauer A/P#475767102TH</u>

MAINTENANCE RECORD

DATE <i>2004</i> 10/27 <i>Nov 19</i>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
	3262.0	0	Tach 3262.0 All covers removed, inspected A/C's general condition + security. Engine + flight controls, cables, pulleys, bellcranks and control surface attach points checked + lubed. Electrical system operated, battery serviced + charged. Performed gear retraction/extension checks, serviced power pak, replaced gear warning throttle switch with new. Lubed gear system wheels and brakes checked, brake masters serviced. Serviced tires with air. ELT checked per 91.207(d), battery due December 2005. Installed new transponder and marker beacon antennas. Major engine installed using new J9613-59 Lord mounts. New McCauley propeller B2D34C207-B SIN040557, installed per manual. C/W AD 87-20-03 R2 seats and rails checked due again next annual.	Total Time <u>3262.0</u> Tachometer <u>3262.0</u> I certify that this (aircraft) (engine) has been inspected in accord- ance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated <u>11/19/04</u> W.O. No. _____ Signed <u>Bruce Lauer A/P#475767102TH</u>

MAINTENANCE RECORD

DATE 2005	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
June 15	2266.9	9	Tach O.O (Old Tach 3266.9) Removed damaged belly skins and installed new skins P/N 2011000-2, 2012020-6, 201202-13, and fabricated skins 2013000-2 and center belly skin from Sta 155 to 174.5. Installed new forward gear well liners, P/N 2012070-3. See 8130-3 releases dated 2/02/05. See FAA Form 337 dated 6/15/05. Replaced skins wash primed & painted. Installed used UKA-42B ADF antenna and new G1-102 marker beacon antenna. Replaced rear nose gear door hinges & pins, P/N 2013096-1, 2013096-2 and 2043022-1. Replaced reservoir drain valve, P/N 2016021-9, with working used unit. Installed new left cowl flap cable, P/N MCS1391-27. Engine mount repaired by Aerospace Welding, see release dated 1/25/05. Right exhaust muffler overhauled by Aerospace Welding, see release dated 1/17/05. Install new cabin heat/air SCAT hose. Perform several gear retraction/extension checks. Installed new Mitchell tach P/N D1-112-5025, S/N 18,620. Combination MAP/Fuel Flow gauge overhauled by Midwest Aircraft Instruments, see release dated 6/17/05. New McCauley B2D34C207 propeller S/N 041478 installed. Bruce Lauer AIP# 475767102	

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
			Installed GMA840, GNS530, G1106A, Voice Alert System. Replaced owner's Breaker & can coaxes	
MAINTENANCE RELEASE The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repairs are on file at this Repair Station under work order <u>05-10409</u>, Date <u>10-14-05</u>. Signature <u>[Signature]</u>, Type of Certificate/Number <u>221302</u> for CRS BDKR393C, STC Aviation, Inc., St. Cloud, MN 56302.				

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER																																																				
	HOURS	10ths																																																						
10-14-05			Certify that the altimeter, static system, transponder and altitude reporter test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.6a. TESTED TO <u>20</u> Kft Altimeter Model <u>5934PA-1</u> #1 S/N <u>J3443</u> #2 S/N <u>-</u> Transponder Model <u>AT-150</u> #1 S/N <u>2452</u> #2 S/N <u>-</u> Altitude Reporter <u>AR-850</u> #1 S/N <u>24045</u> #2 S/N <u>-</u> Signed <u>Blank</u> Date <u>10-14-05</u> STC Aviation Inc., St. Cloud, MN 56304 CRS BDKR393C	Altimeter Model <u>5934PA-1</u> S/N <u>J3443</u> <table border="1"> <thead> <tr> <th>Altitude</th> <th>Altimeter Reads</th> <th>Altitude</th> <th>Altimeter Reads</th> </tr> </thead> <tbody> <tr><td>-1000</td><td>+15</td><td>14000</td><td>-30</td></tr> <tr><td>0</td><td>-5</td><td>16000</td><td>-45</td></tr> <tr><td>500</td><td>+15</td><td>18000</td><td>-55</td></tr> <tr><td>1000</td><td>-5</td><td>20000</td><td>-80</td></tr> <tr><td>1500</td><td>-5</td><td>22000</td><td></td></tr> <tr><td>2000</td><td>-5</td><td>25000</td><td></td></tr> <tr><td>3000</td><td>-5</td><td>30000</td><td></td></tr> <tr><td>4000</td><td>+5</td><td>35000</td><td></td></tr> <tr><td>6000</td><td>0</td><td>40000</td><td></td></tr> <tr><td>8000</td><td>+10</td><td>45000</td><td></td></tr> <tr><td>10000</td><td>-5</td><td>50000</td><td></td></tr> <tr><td>12000</td><td>-30</td><td></td><td></td></tr> </tbody> </table> Inspector <u>GA</u> Date <u>10/07/05</u>	Altitude	Altimeter Reads	Altitude	Altimeter Reads	-1000	+15	14000	-30	0	-5	16000	-45	500	+15	18000	-55	1000	-5	20000	-80	1500	-5	22000		2000	-5	25000		3000	-5	30000		4000	+5	35000		6000	0	40000		8000	+10	45000		10000	-5	50000		12000	-30		
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MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
06, January 2006			Tac. Time 17.3 - A/C 3284.2 - Completed 100 HOUR Inspection I/A/W Cessna 177RG Service Manual Checklist. Cleaned Corrosion From Under Battery Box + Treated Area with ACF50. Lubricated Air Frame. Performed Gear Retraction, Extension, + Emergency Extension OK. C/W FAR 91.207(d) By Inspection + Testing of ELT + Replaced Battery Pack P/N GP-1010 Due 01-07. C/W A.D. 87-20-03 R2 Dated 09-24-90 By Visual + Dimensional Inspection of Seat Tracks, Pins, + Springs. This A.D. Due Next @ Next Annual Inspection. C/W A.D. 99-24-10 Dated 01-14-00 Para (b)(1+2) + Para. (c)(1+2) - Para. (b)(1) Due Every (12) Calendar Mo. Para. (b)(2) Every (24) Calendar Mo. + Para. (c)(1+2) After Each Inspection All Done I/A/W Precise Flight Instructions for Continued Airworthiness Sect. 3.3 of Installation Report #50050 Rev. 25 Dated 08-26-96. Ground Run + Functional Check OK. See Win Air W.O. # 05-12-08 *	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED. DETAILS OF THE INSPECTION/REPAIR ARE ON FILE WITH W.O. # <u>05-12-08</u> DATE <u>01-06-06</u> SIGNED <u>Blank</u> <u>STC Aviation Inc.</u> <u>STP 508800015</u> B2W CORP. WINONA, MN

MAINTENANCE RECORD

DATE <i>2/17/06</i> <i>19</i>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
<i>06</i> <i>Jan.</i> <i>2/17/06</i>	<i>3284</i>	<i>2</i>	<i>Tac. Time #17.3 - A/CTT 3284.2 - Completed Annual Inspection Reviewed A.D's thru ATP Navigator II, Internet Revision This Date - Ground, Operational, Power and Leak Checks g/w Satisfactory *</i>	
			<i>A/CTT 3284.2</i>	I CERTIFY THAT THIS AIRCRAFT/HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED. DETAILS OF THE INSPECTION/REPAIR ARE ON FILE WITH W.O. # <u>45-12-08</u> DATE <u>01-06-2006</u> SIGNED <u>[Signature]</u> <u>AP 3414/2372 IA</u> B2W CORP. WINONA, MN
			<i>ETT 3284.2</i>	
			<i>ETSOH 22.2</i>	
			<i>PTT 17.3</i>	

MAINTENANCE RECORD

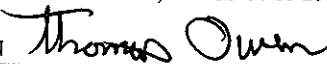
DATE <i>2006</i> <i>19</i>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
<i>27th</i> <i>Jan. 2006</i>			<i>Installed Ignition Switch ACS A-510-2 For Reference Operational + Functional Check Satisfactory * See Win Air Tac. Time 20.7 A/CTT 3287.6 WO # 06-01-26 Tim Allington AP2735936 Tim Allington</i>	
<i>02,</i> <i>March 2006</i>			<i>Tac. Time 27.4 - Replaced A/C Battery with Gill G-35 S/N 0222 8596. See Win Air W.O. # 06-03-01 *</i>	
			<i>Just Swagga ATP 508800015</i>	

MAINTENANCE RECORD

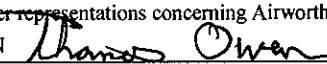
DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED							AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
19__	HOURS 10ths								
UNIT CESSNA 177RG REGISTRATION N1843Q		 Win AIR <i>The Island City's FBO</i> Win Air / B₂W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220							
DATE 03-09-07	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	ETSO N/A	CYCLES N/A	TAC. 0071.1	A/CTT 3338.0		
AIRFRAME LOG ENTRY : COMPLETED 100 HOUR INSPECTION UTILIZING SERVICE MANUAL CHECKLIST AS AMENDED. COMPLIED WITH FAR 91.207(d) BY INSPECTION & TESTING OF ELT, BATTERY PACK DUE 01-2008. COMPLIED WITH A.D. 87-20-03R2, DATED 09-24-1990 BY VISUAL & DIMENSIONAL INSPECTION OF SEAT TRACKS, SPRINGS & PINS. THIS A.D. DUE AT NEXT ANNUAL INSPECTION, PART 91. PERFORMED GEAR RETRACTIONS AND EXTENSIONS AND EMERGENCY EXTENSIONS, ALL FOUND TO BE NORMAL. COMPLIED WITH A.D. 99-24-10, DATED 01-14-2000, PARA. (b) (1) & PARA. (c) (1 & 2). PARA. (b) (1) DUE WITHIN 12CM, PARA., PARA (b) (2) DUE PRIOR TO 02-08, (c) (1 & 2) AFTER EACH INSPECTION. THE PRECEEDING DONE I/A/W/ PRECISE FLIGHT INSTRUCTIONS FOR CONTINUED AIRWORTHINESS SEC. 3.3 OF # 50050 REV. 25, DATED 08-26-1996. REPLACED BOTH STABILATOR BUSHINGS PN 1712156-1. REMOVED CESSNA ADI, PN C661076-0104, SN 4495. INSTALLED OVERHAULED EDO AIRE MODEL # 5000-B-4, PN 23-501-06, SN 33314F, MIDWEST AIRCRAFT INSTRUMENTS CRS # K05R995M, 8130-3, # 31,047. REPAIRED WING TIPS AND REPLACED RIGHT STROBE, AEROFLASH, PN A427. ADJUSTED RIGHT HEAT FLAPPER VALVE CONTROL. REPLACED VACUUM RELIEF FILTER B3-5-1 AND INDUCTION AIR FILTER BA -570S. GROUND RUN, OPERATIONAL, POWER AND LEAK CHECKS OK. *****									
The aircraft, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B ₂ W of Winona, MN. Under Work Order # 07-01-28, DATED 03-09-2007. No other representations concerning Airworthiness are expressed or implied. *****									
SIGNED: KURT SWOGGER				A&P CERT.# 508800015					

UNIT CESSNA 177RG REGISTRATION N1843Q		 Win AIR <i>The Island City's FBO</i> Win Air / B₂W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220							
DATE 19__	DATE 03-09-07	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	ETSO N/A	CYCLES N/A	TAC. 0071.1	A/CTT 3338.0	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
AIRFRAME LOG ENTRY : COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 APPDX D. REVIEW A.D.'s THROUGH ATP NAVIGATOR V (6), REVISION 2007-05, and DATED 03-09-2007. OWNER OFFERED COMPLIANCE WITH ALL MANDATORY SERVICE BULLITENS BUT DECLINED AT THIS TIME. AIRCRAFT GROUND RUN, OPERATIONAL, POWER AND LEAK CHECKS OK. *****									
ACTT 3338.0 PTT 0071.1 ETT 3338.0 ETSO 0076.0									
The aircraft, engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B ₂ W of Winona, MN. Under Work Order # 07-01-28, DATED 03-09-2007. No other representations concerning Airworthiness are expressed or implied. *****									
SIGNED: GEORGE BOLON				A&P CERT.# 5414023721A					

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED						AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	10ths								
UNIT CESSNA 177RG REGISTRATION N1843Q			 Win Air / B₂W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220 <i>The Island City's FBO</i>							
DATE 04-11-08	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	ETSO N/A	CYCLES N/A	TAC. 0137.9	A/CTT 3404.8			
AIRFRAME LOG ENTRY : COMPLETED 100 HOUR INSPECTION UTILIZING SERVICE MANUAL CHECKLIST AS AMMEDED. COMPLIED WITH FAR 91.207(d) BY REPLACEMENT OF BATTERY PACK, PN BS 2166 AND A-8310-1; BATTERY PACK DUE 05-2010. COMPLIED WITH A.D. 87-20-03R2, DATED 09-24-1990 BY VISUAL & DIMENSIONAL INSPECTION OF SEAT TRACKS, SPRINGS & PINS. THIS A.D. DUE AT NEXT ANNUAL INSPECTION, PART 91. COMPLIED WITH A.D. 99-24-10, DATED 01-14-2000, PARA. (b) (1) & (2) & PARA. (c) (1 & 2). PARA. (b) (1) DUE WITHIN 12CM. PARA (b) (2) DUE PRIOR TO 05-10, (c) (1 & 2) AFTER EACH INSPECTION. THE PRECEEDING DONE I/A/W/ PRECISE FLIGHT INSTRUCTIONS FOR CONTINUED AIRWORTHINESS SEC. 3.3 OF # 50050 REV. 25, DATED 08-26-1996. REPLACED VACUUM RELIEF FILTER B3-5-1 AND INDUCTION AIR FILTER BA - 5705. PERFORMED GEAR RETRACTIONS AND EXTENSIONS AND EMERGENCY EXTENSIONS, SEVEN (7) AND ALL FOUND TO BE NORMAL. REPLACED STROBE POWER UNIT; OFF: HDT2, SN DT214-2412; ON: HDACF, PN 01-0770028-05, SN 43439. RESOLDERED VSI BEZEL NU-LITE WIRE. READJUSTED RIGHT HEAT FLAPPER VALVE CONTROL. REPLACED NOSE WHEEL TUBE & TIRE; 0N; MICHELIN, PN 092-308-0, AIRSTOP TUBE, MICHELIN 5.00-5 AVATOR TIRE, PN 071-312-0, SN 7158W00182. REPLACED SEVEN (7) PANEL SWITCHE CONNECTORS. REMOVED BATTERY, TOP CHARGED, CLEANED CABLES, BOX & BATTERY; REINSTALLED BATTERY. REPLACED ALL BRAKE PADS, PN 66-10500, BOTH HOSES PN AE3664056B0054, BLEED SYSYTEM & CONDITIONED BRAKES. AIRCRAFT GROUND RUN, OPERATIONAL, POWER AND LEAK C/W AND ALL FOUND TO BE SATISFACTORY. *****										
I certify that with respect to the work performed on the aircraft, propeller, or appliances identified above, that they were repaired, inspected and found to be airworthy in accordance with current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected, found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B2W of Winona, MN. Under Work Order # 08-03-31, DATED 04-11-2008. No other representations concerning Airworthiness are expressed or implied. SIGNED: THOMAS M. OWEN  A&P CERT.# 2708310										

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED						AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	10ths								
UNIT CESSNA 177RG REGISTRATION N1843Q			 Win Air / B₂W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220 <i>The Island City's FBO</i>							
DATE 04-11-08	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	ETSO N/A	CYCLES N/A	TAC. 0137.9	A/CTT 3404.8			
AIRFRAME LOG ENTRY : COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 APPDX D. REVIEW A.D.'s THROUGH ATP NAVIGATOR V (6.1), REVISION 2008-07, AND DATED 04-04-2008. OWNER OFFERED AND RECOMMENDED COMPLIANCE WITH ALL MANDATORY SERVICE BULLITENS BUT DECLINED AT THIS TIME. AIRCRAFT GROUND RUN, OPERATIONAL, POWER AND LEAK CHECKS C/W AND ALL FOUND TO BE SATISFACTORY. *****										
ACTT 3404.8 PTT 0137.9 ETT 3404.8 ETSO 0142.8										
I certify that the Aircraft identified above was inspected in accordance with an Annual inspection under FAR 43 Appdx. D of the current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B2 W of Winona, MN. Under Work Order # 08-03-31, DATED 04-11-2008. No other representations concerning Airworthiness are expressed or implied. *****										
SIGNED: THOMAS M. OWEN  A&P CERT.# 2708310IA										

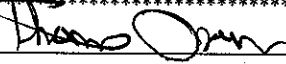
DATE	UNIT CESSNA 177RG		Win AIR The Island City's FBO						Win Air / B₂W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	REGISTRATION N1843Q								DATE	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	
19	AIRFRAME LOG ENTRY : INSTALLED FUEL STRAINER REBUILD KIT BY MCFARLAN, PN: FS-KT-3. AIRCRAFT GROUND RUN, OPERATIONAL AND LEAKS C/W AND ALL FOUND TO BE SATISFACTORY. *****												
I certify that with respect to the work performed on the aircraft identified above, that it was repaired, inspected and found to be airworthy in accordance with current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected, found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B ₂ W of Winona, MN. Under Work Order # 08-04-28, DATED 04-28-2008. No other representations concerning Airworthiness are expressed or implied.													
SIGNED: THOMAS M. OWEN <i>Thomas Owen</i> A&P CERT.# 2708310													

DATE	UNIT CESSNA 177RG		Win AIR The Island City's FBO						Win Air / B₂W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	REGISTRATION N1843Q								DATE	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	
	AIRFRAME LOG ENTRY : REMOVED SHIP'S BATTERY, REPLACED WITH G-35, SN G02402658; FUNCTIONAL CHECK COMPLIED WITH AND FOUND TO BE NORMAL. *****												
I certify that with respect to the work performed on the aircraft and/or the appliances identified above, that they were repaired, inspected and found to be airworthy in accordance with current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected, found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B ₂ W of Winona, MN. Under Work Order # 08-12-29, DATED 12-29-2008. No other representations concerning Airworthiness are expressed or implied.													
SIGNED: THOMAS M. OWEN <i>Thomas Owen</i> A&P CERT.# 2708310													

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		10ths	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER																								
	HOURS																												
19				Red Wing Aeroplane Co. Red Wing Muni. Airport A/C <u>Cessna</u> Model <u>177RG</u> Reg. <u>N1843Q</u> THIS AIRCRAFT ALTIMETER, ENCODER, & STATIC SYSTEM WAS INSPECTED AND TESTED I.A.W. F.A.R. 43 APPENDIX E. & F.A.R. 91.411. <table style="width:100%;"> <tr> <td>Pilot ALT</td> <td>P/N <u>NPN</u></td> <td>S/N <u>NSN</u></td> <td>Test To <u>20,000</u></td> </tr> <tr> <td>Co/Pil ALT</td> <td>P/N <u>---</u></td> <td>S/N <u>---</u></td> <td>Test To <u>---</u></td> </tr> <tr> <td>Encoder</td> <td>P/N <u>NPN</u></td> <td>S/N <u>NSN</u></td> <td>Test To <u>20,000</u></td> </tr> <tr> <td></td> <td>P/N <u>---</u></td> <td>S/N <u>---</u></td> <td>Test To <u>---</u></td> </tr> </table> THE A/C ATC TRANSPONDER SYSTEM HAS BEEN INSPECTED AND TESTED I.A.W. F.A.R. 43 APPENDIX F. AND F.A.R. 91.413. <table style="width:100%;"> <tr> <td>Transponder</td> <td><u>Garmin</u></td> <td>P/N <u>GTX-330</u></td> <td>S/N <u>84128382</u></td> </tr> <tr> <td></td> <td></td> <td>P/N <u>---</u></td> <td>S/N <u>---</u></td> </tr> </table> W/O <u>2327</u> DATE <u>4-1-09</u> TACH <u>197.7</u> SIGN <u>M. H. K...</u> CRS# R3WR714J 715-594-3761	Pilot ALT	P/N <u>NPN</u>	S/N <u>NSN</u>	Test To <u>20,000</u>	Co/Pil ALT	P/N <u>---</u>	S/N <u>---</u>	Test To <u>---</u>	Encoder	P/N <u>NPN</u>	S/N <u>NSN</u>	Test To <u>20,000</u>		P/N <u>---</u>	S/N <u>---</u>	Test To <u>---</u>	Transponder	<u>Garmin</u>	P/N <u>GTX-330</u>	S/N <u>84128382</u>			P/N <u>---</u>	S/N <u>---</u>	
Pilot ALT	P/N <u>NPN</u>	S/N <u>NSN</u>	Test To <u>20,000</u>																										
Co/Pil ALT	P/N <u>---</u>	S/N <u>---</u>	Test To <u>---</u>																										
Encoder	P/N <u>NPN</u>	S/N <u>NSN</u>	Test To <u>20,000</u>																										
	P/N <u>---</u>	S/N <u>---</u>	Test To <u>---</u>																										
Transponder	<u>Garmin</u>	P/N <u>GTX-330</u>	S/N <u>84128382</u>																										
		P/N <u>---</u>	S/N <u>---</u>																										

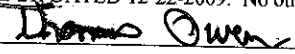
MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED						AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	10ths								
UNIT CESSNA 177RG			 Win Air / B₂W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220							
REGISTRATION N1843Q										
DATE 04-07-09	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	ETSO N/A	CYCLES N/A	TAC. 0197.7	A/CTT 3464.6			
AIRFRAME LOG ENTRY : COMPLETED 100 HOUR INSPECTION UTILIZING SERVICE MANUAL CHECKLIST AS AMMENDED. COMPLIED WITH FAR 91.207(d) I/A/W A-8310-1; BATTERY PACK DUE 05-2010. COMPLIED WITH A.D. 87-20-03R2, DATED 09-24-1990 BY VISUAL & DIMENSIONAL INSPECTION OF SEAT TRACKS, SPRINGS & PINS. THIS A.D. DUE AT NEXT ANNUAL INSPECTION, PART 91. COMPLIED WITH A.D. 99-24-10, DATED 01-14-2000, I/A/W PRECISE FLIGHT INC., INSTALLATION REPORT # 08072, DATED 12-22-1999, SEC. 3.3.1.1; 3.3.1, 3.3.2 & 3.3.3 ALL DUE PRIOR TO 05-31-2010. REPLACED VACUUM RELIEF FILTER B3-5-1 AND INDUCTION AIR FILTER BA -5705. PERFORMED GEAR RETRACTIONS AND EXTENSIONS AND EMERGENCY EXTENSIONS, SEVEN (7) AND ALL FOUND TO BE NORMAL. RETORQUED STABILATOR MOUNTING BOLTS. REPLACED SCAT TUBING BETWEEN MUFFLER SHROUDS. AIRCRAFT GROUND RUN, OPERATIONAL, POWER AND LEAK C/W AND ALL FOUND TO BE SATISFACTORY. *****										
I certify that with respect to the work performed on the aircraft, propeller, or appliances identified above, that they were repaired, inspected and found to be airworthy in accordance with current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected, found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B2W of Winona, MN. Under Work Order # 09-03-25, DATED 04-07-2009. No other representations concerning Airworthiness are expressed or implied. *****										
SIGNED: THOMAS M. OWEN  A&P CERT.# 2708310										

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED						AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	10ths								
UNIT CESSNA 177RG			 Win Air / B₂W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220							
REGISTRATION N1843Q										
DATE 04-07-09	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	ETSO N/A	CYCLES N/A	TAC. 0197.7	A/CTT 3464.6			
AIRFRAME LOG ENTRY : COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 APPDX D. REVIEW A.D.'s THROUGH ATP NAVIGATOR V (7.0), REVISION 2009-07, AND DATED 03-30-2009. OWNER OFFERED AND RECOMMENDED COMPLIANCE WITH ALL MANDATORY SERVICE BULLITENS; OWNER DECLINED AT THIS TIME. AIRCRAFT GROUND RUN, OPERATIONAL, POWER AND LEAK CHECKS C/W AND ALL FOUND TO BE SATISFACTORY. *****										
ACTT 3464.6 PTT 0197.7 ETT 3464.6 ETSO 0202.6										
I certify that the Aircraft identified above was inspected in accordance with an Annual inspection under FAR 43 Appdx. D of the current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B2 W of Winona, MN. Under Work Order # 09-03-25, DATED 04-07-2009. No other representations concerning Airworthiness are expressed or implied. *****										
SIGNED: G. BOLON  A&P CERT.# 541402372IA										

MAINTENANCE RECORD

DATE 19__	UNIT CESSNA 177RG	 Win Air / B2W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220 <i>The Island City's FBO</i>							AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
REGISTRATION N1843Q										
DATE 12-22-09	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	ETSO N/A	CYCLES N/A	TAC. 0247.4	A/CTT 3514.3			
AIRFRAME LOG ENTRY : INSTALLED SECONDARY SEAT STOP ON PILOT'S SEAT; PN: SK210-174A, IN ACCORDANCE WITH INSTRUCTIONS PROVIDED FOR CESSNA 177RG, DATED 12-10-2007. *****										
I certify that with respect to the work performed on the aircraft and/or the appliances identified above, that they were repaired, inspected and found to be airworthy in accordance with current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected, found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B2W of Winona, MN. Under Work Order # 09-12-21, DATED 12-22-2009. No other representations concerning Airworthiness are expressed or implied.										
SIGNED: THOMAS M. OWEN  A&P CERT.# 2708310										

MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE	 Win Air / B2W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220 <i>The Island City's FBO</i>							AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
UNIT CESSNA 177RG	REGISTRATION N1843Q									
DATE 05-05-10	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	ETSO N/A	CYCLES N/A	TAC. 0254.5	A/CTT 3521.4			
AIRFRAME LOG ENTRY : COMPLETED 100 HOUR INSPECTION UTILIZING SERVICE MANUAL CHECKLIST AS AMMENDED & ALL KNOWN ICA'S. COMPLIED WITH FAR 91.207(d) I/A/W A-8310-1; REPLACED BATTERY PACK; PN: BS2166, PACK DUE 06-2012. COMPLIED WITH A.D. 87-20-03R2, DATED 09-24-1990 I/A/W PARA. II (C), (a), 1 THRU 7. THIS A.D. DUE AT NEXT ANNUAL INSPECTION, PART 91. COMPLIED WITH A.D. 99-24-10, DATED 01-14-2000, I/A/W PRECISE FLIGHT INC., INSTALLATION REPORT # 08072, DATED 12-22-1999, SEC. 3.3.1.1; 3.3.1 & 3.3.2; 3.3.3 MST BE COMPLIED WITH BY OWNER/PILOT. 3.3.1 DUE PRIOR TO 05-31-2011; 3.3.2 BY 05-31-2012. REPLACED VACUUM RELIEF FILTER B3-5-1 AND INDUCTION AIR FILTER BA -570S. REPLACED HOSE BETWEEN SDBY VACUUM PUMP & FIREWALL. REPLACED NOSE SQUAT SWITCH; PN: 602EN67-6B I/A/W CSM. REBUILT SHIMMY DAMPNER & REPLACED WORN LINKAGE PINS; PN: SDKT-1, MS20392-3C13 & 17 & 5606H. RESEALED NOSE STRUT; PN: TCN-1, 5606H & N2. READJUSTED GEAR DOWN LOCK SWITCH BY 0.0300". REPAIRED ALTERNATE GEAR EXTENSION MOUNTING BRAKET UTILIZING NEW RIVETS & SCREW. PERFORMED GEAR RETRACTIONS AND EXTENSIONS AND EMERGENCY EXTENSIONS, SEVEN (7) AND ALL FOUND TO BE NORMAL. AIRCRAFT GROUND RUN, OPERATIONAL, POWER AND LEAK C/W AND ALL FOUND TO BE SATISFACTORY. *****										
I certify that with respect to the work performed on the aircraft, propeller, or appliances identified above, that they were repaired, inspected and found to be airworthy in accordance with current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected, found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B2W of Winona, MN. Under Work Order # 10-04-20B, DATED 05-05-2010. No other representations concerning Airworthiness are expressed or implied.										
SIGNED: THOMAS M. OWEN  A&P CERT.# 2708310										

MAINTENANCE RECORD

DATE 19__	UNIT CESSNA 177RG	 Win AIR <i>The Island City's FBO</i>						Win Air / B2W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220			AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	REGISTRATION N1843Q										
	DATE 05-05-10	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	ETSO N/A	CYCLES N/A	TAC. 0254.5	A/CTT 3521.4			
AIRFRAME LOG ENTRY :											
COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 APPDX D AND ALL KNOWN ICA'S. REVIEW A.D.'s THROUGH ATP NAVIGATOR V (8.0), REVISION 2010-09, AND DATED 04-26-2010. OWNER OFFERED AND RECOMMENDED COMPLIANCE WITH ALL MANDATORY SERVICE BULLITENS; OWNER DECLINED AT THIS TIME. AIRCRAFT GROUND RUN, OPERATIONAL, POWER AND LEAK CHECKS C/W AND ALL FOUND TO BE SATISFACTORY. *****											
ACTT 3521.4 PTT 0254.5 ETT 3521.4 ETSO 0259.4											
I certify that the Aircraft identified above was inspected in accordance with an Annual inspection under FAR 43 Appdx. D of the current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B2 W of Winona, MN. Under Work Order # 10-04-20B, DATED 05-05-2010. No other representations concerning Airworthiness are expressed or implied. *****											
SIGNED: G. BOLON A&P CERT.# 16466181A											

SERVICE LETTER COMPLIANCE RECORD

S.L. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.L. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
	UNIT CESSNA 177RG	 Win AIR <i>The Island City's FBO</i>						Win Air / B2W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220
	REGISTRATION N1843Q							
	DATE 10-06-10	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	ETSO N/A	CYCLES N/A	TAC. 0285.3	A/CTT 3552.2
AIRFRAME LOG ENTRY :								
REPLACED INOPERATIVE TACHOMETER CABLE; PN: S1363-2. CLEANED GEAR DOWN BULB CONTACTS; REMOVED, DISASSEMBLED, CLEANED & REASSEMBLED OIL RECLAIMER CANNASTER; FOUND LOOSE BOLT THAT HOLDS UNIT HALVES TOGETHER. FLUSHED PUSH TO TALK SWITCH WITH CONTACT CLEANER. AIRCRAFT GROUND RUN, OPERATIONAL, POWER AND LEAK CHECKS COMPLIED WITH AND ALL FOUND TO BE SATISFACTORY; VISUALLY INSPECTED ENGINE & COMPARTMENT AND FOUND NORMAL. *****								
I certify that with respect to the work performed on the aircraft and/or the appliances identified above, that they were repaired, inspected and found to be airworthy in accordance with current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected, found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B2W of Winona, MN. Under Work Order # 10-10-05, DATED 10-06-2010. No other representations concerning Airworthiness are expressed or implied.								
SIGNED: THOMAS M. OWEN A&P CERT.# 2708310								

SERVICE LETTER COMPLIANCE RECORD

[illegible]

SERVICE LETTER COMPLIANCE RECORD

Date: 8/09/2011; Aircraft: N1843Q; Type: C-177RG; S/N: 177RG0243
 Installed SL30, MD400-306, and GTX330. Performed Transponder, altimeter and
 encoder test. Upgraded GNS530 to GNS530W. Unit is certified for precision
 approaches
 I certify that the altimeter, static system, transponder and altitude reporter test
 required by FARs 91.411, 91.413 and 91.217 have been performed and found to be
 within the limits of FAR43 appendices E and F and AC43.6b.

AUTHORIZED SIGNATURE,
 CERTIFICATE TYPE
 & NUMBER

REMARKS

Tested to 20 Kft.

Altimeter #1 Model 5934PA-1 s/n J3443

Transponder #1 Model GTX330 s/n 84128382

Encoder #1 Model AR850 s/n 24045

MAINTENANCE RELEASE

The component identified was repaired and inspected in accordance
 with current regulations of the Federal Aviation Administration and is
 approved for return to service.

Name: Jim Fairchild Cert. Number: 2429051 R&I

Sign: Jim Fairchild Date: 08/09/2011

For CRS # BDKR393C STC Aviation Inc. 1544 45th Ave SE St. Cloud MN 56304

Altimeter Model 5934PA-1 s/n J3443

Altitude	Altimeter Reads	Altitude	Altimeter Reads
-1000	-1000	14000	13940
0	-005	16000	15920
500	500	18000	17900
1000	990	20000	19890
1500	1475	22000	
2000	1990	25000	
3000	2970	30000	
4000	3990	35000	
6000	5980	40000	
8000	7960	45000	
10000	9950	50000	
12000	11940		

Inspector JS Date 8-9-11

UNIT
 CESSNA 177RG
 REGISTRATION
 N1843Q

Win AIR
 The Island City's FBO

Win Air / B₂W
 106 Galewski Dr.
 Winona, MN. 55987
 Ph# 507 452-2220

A.D. NUMBER
 AND
 AMENDMENT

DATE
 09-07-11

MFG.
 CESSNA

MODEL
 177RG

S/N
 177RG0243

ETSO
 N/A

CYCLES
 N/A

TAC.
 0302.8

A/CTT
 3569.7

REMARKS

AIRFRAME LOG ENTRY :

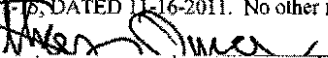
REPLACED O-RING ON BACKSIDE OF POWER PACK; PN: MS29512-06; RESERVICED WITH 5606H. SWUNG GEAR TWENTY
 (20) TIMES ALL FOUND TO BE NORMAL WITH NO LEAKS. WORK ACCOMPLISHED IN ACCORDANCE WITH CESSNA
 177RG SM. *****

I certify that with respect to the work performed on the aircraft and/or the appliances identified above, that they were repaired, inspected and found
 to be airworthy in accordance with current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER
 have been inspected, found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B₂W of
 Winona, MN. Under Work Order # 11-09-06B, DATED 09-07-2011. No other representations concerning Airworthiness are expressed or
 implied.

SIGNED: THOMAS M. OWEN

Thomas M. Owen A&P CERT.# 2703810

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

A.D. NUMBER AND AMENOMENT NO.	METHOD OF COMPLIANCE	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE A.D. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
			AIRFRAME	COMPONENT	ONE- TIME	RE- CURRING			
	UNIT CESSNA 177RG	 Win AIR <i>The Island City's FBO</i>					Win Air / B2W 106 Galewski Dr. Winona, MN. 55987 Ph# 507 452-2220		
	REGISTRATION N1843Q								
	DATE 11-16-11	MFG. CESSNA	MODEL 177RG	S/N 177RG0243	ETSO N/A	CYCLES N/A	TAC. 0302.8	A/CTT 3571.8	
AIRFRAME LOG ENTRY : REPLACED FOUR (4) O-RINGS BETWEEN PUMP ASSEMBLY & CONTROL VALVE; PN: MS2775-012. TOPPED OF WITH 5606H & SWUNG GEAR FIVE (5) TIMES. ALL WERE FOUND TO BE NORMAL WITH NO LEAKS. WORK ACCOMPLISHED IN ACCORDANCE WITH CESSNA 177RG SM. *****									
I certify that with respect to the work performed on the aircraft and/or the appliances identified above, that they were repaired, inspected and found to be airworthy in accordance with current regulations of the Federal Aviation Administration. Only those items specified on the WORK ORDER have been inspected, found to be airworthy and are approved for return to service. Pertinent details of the WORK are on file at Win Air / B2W of Winona, MN. Under Work Order #11-11-10, DATED 11-16-2011. No other representations concerning Airworthiness are expressed or implied.									
SIGNED: THOMAS M. OWEN  A&P CERT.# 2703810									