

#2
Cessna®



AIRCRAFT LOG
AND MAINTENANCE RECORD

N 7575V SERIAL NO. 177RG0866

IMPORTANT NOTICE

Dear Owner:

Federal Aviation Regulation Part 91.170 requires that the static pressure system(s) and sensitive altimeter instrument(s) be inspected every two (2) years in accordance with Part 43, Appendix E, if the aircraft is to be operated in controlled airspace under IFR.

The entry in your aircraft log lists the date on which this test was performed on your static system(s) and altimeter(s). Because these tests are accomplished during instrument and aircraft assembly, this date may be a maximum of twelve (12) months prior to the date on your Airworthiness Certificate.

Because of this difference, Cessna recommends that you retest and inspect the static system(s) and altimeter(s) at your first Annual Inspection.

In following this recommendation, a schedule will be established whereby subsequent test and inspection periods will coincide with an Annual Inspection to minimize aircraft down time.

Customer Services Department
Cessna Aircraft Company

Cessna®

AIRCRAFT LOG
AND MAINTENANCE RECORD

Record of Cessna 177RG 177RG0866 N7575V
Make Model Serial Certificate
With Engine Lycoming I O-360 A1B60 L-15354-S1A
Make Model Serial
From _____ 19____ to _____ 19____
Hours Hours
Detailing Time From _____ To _____
Hours Hours
Owner _____
Address _____

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 82							
March-3	Tach 1641 hrs.		Installed in place of defective				
			LC-2 Clock S/W 19376-1-83				
			gear down - lock valve. Replaced both vacuum filters. and installed Tanis heater kit Model T.95 100-03 SN#4581. Weight & Balance figured new Empty Wt is 1839.65 LBS and Empty Empty Wt CG is 103.79, Useful load is 960.35 LBS.				
			Aircraft cleaned inside and out. Date 2-1-83 Tach 1668 Total Time 1668 W.O. # 4836				
			The repairs noted above are approved for return to service. Details of this repair on file at this facility under W.O. # 1161 Signed <i>Jerry Salderson</i>				
			AIR CENTER, LTD. Municipal Airport, Waterloo, Iowa 50701 F.A.A. Approved Repair Station #304-22				

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Bearing error	Place	Signature	19	
VOR 1	VOR 2			
				Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
				Serviced and inspected i/p/w mfgs. instructions. Overhauled left main gear down - lock valve. Replaced both vacuum filters. and installed Tanis heater kit Model T.95 100-03 SN#4581. Weight & Balance figured new Empty Wt is 1839.65 LBS and Empty Empty Wt CG is 103.79, Useful load is 960.35 LBS.
				Aircraft cleaned inside and out. Date 2-1-83 Tach 1668 Total Time 1668 W.O. # 4836
				I certify that this aircraft/power plant has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.
				Signature <i>Jeffrey J. Bostel</i> for
				Niederhauser Airways, Inc., Waterloo, Iowa
				F. A. A. Approved Repair Station No. 304-5
				Altitude <u>20,000</u> feet.
				Airframe
				Avionics
				BY NIEDERHAUSER AIRWAYS, INC. WATERLOO, IOWA 50705 E.A.A. APPROVED REPAIR STATION NO. 304-5

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
1987 6-23-87	Tach 1792.7		Serviced and inspected				
			Complied with A.D. 810-24-07 (1-7-87) Engine control faults. Installed new E.L.T. Battery and checked operation. Next due Jun. 1989				
	TACH 1792.7	TOTAL 1792.7	SMOH				
	DATE 6-23-87	W.O. # 3085 7463					
I certify that this aircraft/plant has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.				We certify that the altimeter / Static System / Altimeter Reporter / Transponder / Tests Required by F.A.R. Parts 91.171 and 91.172 have been performed and tested to 20,000 feet.		Signature: Laurence Gruman Airframe Signature: Laurence Gruman Avionics Date: 6-23-87	
Signature: Charles Graves for Niederhauser Airways, Inc. Waterloo, Iowa F.A.A. Approved Repair Station No. 304-5				BY NIEDERHAUSER AIRWAYS, INC. WATERLOO, IOWA 50705 F.A.A. APPROVED REPAIR STATION NO. 304-5			

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Bearing error	Place	Signature	19	
VOR 1	VOR 2			
			1987	7/17/87 Tach 1795 Removed and replaced with new artificial horizon Gyro and replaced filters Laurence Gruman Airframe Inspector
				Niederhauser Airways, Inc. Waterloo, Iowa F.A.A. Approved Repair Station No. 304-5

MAINTENANCE RELEASE

COMPONENT WRT SERIAL NO. T39395J

PART/MODEL NO: 5000 B-20

Overhaul Repair Bench Ck & Test New

The Aircraft Appliance identified above was overhauled, repaired and bench tested, or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this repair station under

Work Order # 30807 Date 8/13/87

Authorized Signature [Signature]

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 <u>83</u>							
<p><i>July 18 Tach. 1831.7 Hrs. Serviced and inspected Hawk engine inst. July 18, 1983 Reinstalled manifold press / Fuel Flow Gage after being checked all systems for proper operation. Ad listed in overhaul. Checked for leaks and operation. See maintenance book #1. Installed new main tires and new brake linings. release allocated. Cleared aircraft in and out.</i></p>							
					TACH/METER	1831.7	TOTAL 1831.7 SMOH
					DATE	7-18-83	W.O.# 2081
<p>I certify that this aircraft/engine plant has been inspected in accordance with an <u>annual</u> inspection and was determined to be in airworthy condition.</p>							
<p>Signature <u>Charles Graves</u> for Niederhauser Airways, Inc. Waterloo, Iowa F. A. A. Approved Repair Station No. 3045</p>							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Bearing error	Place	Signature		
VOR 1	VOR 2		19	<p>Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.</p> <p><i>July 18, 1983 Reinstalled Manifold press / Fuel Flow Gage after being checked for leaks and operation. See maintenance book #1. Installed new main tires and new brake linings. release allocated. Charles Graves Airframe Inspector</i></p> <p>Niederhauser Airways, Inc. Waterloo, Iowa F. A. A. Approved Repair Station No. 3045</p>

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METRO AIRCRAFT INSTRUMENTS, INC.
2135 AIRPORT RD. • OAKLAND-PONTIAC AIRPORT
PONTIAC, MICH. 48054-1377 • 313-666-3670
INSTRUMENT DIVISION
F.A.A. Approved Instrument Repair Station No. 3027

Unit DUAL FUEL FLOW / MAN PRESS IND.
Mfg. UNITED INST. Model No. _____
Ser. No. 104203 Part No. 6333
T.S.O. _____
Overhaul New Repair Functional Only
Mech. GG Inspector EGS
Date 8-31-88
Customer NIEDERHAUSER AIRWAYS

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19 80 8-10-88	Tach	1832.4 hrs	Installed Cessna Serial				
			let P/W C292501-0106 * (Mag + Locks)				
5-30-89	Tach	1846.8 hrs	Installed Pilot Seat Secondary Stop bit Cessna				
			SEB89-2A and Cessna factory instructions. Lawrence Gruman				
			SK172-94A bit				
			Niederhauser Airways, Inc. Waterloo, Iowa Airframe Inspector				
			F.A.A. Approved Repair Station No. 304-5				

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Bearing error	Place	Signature	19	
VOR 1	VOR 2			
			12-89	TACH 1849 Service + inspected I/A/W mfgs instructions checked all systems for proper operation. Replaced E.L.T. battery, new date Oct. 92. Cleared aircraft inside + out. Replaced aircraft battery with Gill G-35 TACH/HR METER 1849 TOTAL 1849 SMOH DATE 9-12-89 W.O.# 8745
I certify that the altimeter / Static System / Altimeter / Transponder / Tests Required by F.A.R. Part 135 and 137 have been performed and tested to 70,000 feet.			I certify that this aircraft/power plant has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.	
Signature Lawrence Gruman Airframe			Signature Lawrence Gruman for	
Signature Lawrence Gruman Avionics			Niederhauser Airways, Inc. Waterloo, Iowa	
Date 9-11-89			F.A.A. Approved Repair Station No. CSNR993C	
BY NIEDERHAUSER AIRWAYS, INC. WATERLOO, IOWA 50705				
F.A.A. APPROVED REPAIR STATION NO. 304-5				

Freight and and pro rata mended by the if a battery is u
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AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
1-13-89	Tach 1853.1		Installed new hose from flow divider to line all for fuel flow Gauge. Charles Hayes Airframe Inspector				
Niederhauser Airways, Inc. Waterloo, Iowa F.A.A. Approved Repair Station No. CSNR993C							
0-5-90	Tach 1867.3		hrs serviced and inspected all systems for proper operation (9-24-88) Para # (B)(C)(a)(2)(i)(ii)(2)(3)(4)(5)(6)(7) install new left cowl flap shock mount.				
TACH/HR 1867.3 TOTAL 1867.3 SMCH D. E. 10-5-90 W.O.# 9247 I certify that this aircraft/propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Signature <u>Charles Hayes</u> for Niederhauser Airways, Inc. Waterloo, Iowa Approved Repair Station No. CSNR993C							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE.

AIRCRAFT LOG

DATE	VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
	Bearing error	Place	Signature		
8-28-91				19	Service Bulletin SE891-5 Ignition Switch Installation + Starter Contactor Diode Installation. Installed new landing light + voltage regulator (P/N C1011001-0102). Checked operation of the above items OK. Michael Newkell Airframe Inspector for Niederhauser Airways, Inc. Waterloo, Iowa F.A.A. Approved Repair Station No. CSNR993C
12-17-91					Tach time 1877 hrs; Replaced Gyro System Regulator Filter; Replaced Stabilator right side Pivot Retainer + Bolt; cleaned & refinished Pitch trim rod; Reinstalled Right side muffler after repair by Dawley Aviation; Replaced Landing Gear + Flap Dual warning unit; Reinstalled Fuel Boost Pump after overhaul by Dubex, Inc. Completed with ADIA as listed on sheet in back of log one; Cleaned aircraft. Serviced and inspected aircraft per mfgs. instructions. Continued next page →

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IOths	
<p>TACH/HR METER 1877 TOTAL 1877 SMON X</p> <p>DATE 12-17-91 W.O.# 9650</p> <p>I certify that this aircraft/power plant has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.</p> <p>Signature <u>Laurena Gruman</u> for Niederhauser Airways, Inc. Waterloo, Iowa F.A.A. Approved Repair Station No. CSNR993C</p> <p>We certify that the <u>Minimum</u> <u>Static System / Altitude</u> <u>Reporter / Transponder / Tests</u> Required by F.A.R. Parts 91.171 and 91.172 have been performed and tested to <u>411</u> and <u>113</u> feet. Signature <u>Laurena Gruman</u> <u>Avionics</u> Date <u>12-17-91</u> BY NIEDERHAUSER AIRWAYS, INC. WATERLOO, IOWA 50705 EAA APPROVED REPAIR STATION NO. 8016 CSNR993C</p>							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

DATE	VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
	Bearing error	Place	Signature		
20-92				1877.7tach	<p>Removed the following ACR Avionics Equipment: 2 - RT22ST Nav/Coms; R443B glide slope, R-402A Marker, and Cessna Audio Control Panel. Installed the following Equipment: KMA 24, KX155 w G/S, KX155 w/o G/S, KT208, KT209, and CI 102 Marker Aides</p> <p>The above listed avionics equipment was installed in accordance with guidelines set forth in AC 43.13 1A&2A and the appropriate manufacturers installation manual. The A/C weight/balance and equipment list was revised to reflect these changes. <u>Frank D. Cook R02R1426</u></p>

Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

AVIATION!

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
1994 2-14-94	Tach 1914.6 hrs		Serviced and inspected all systems for proper operation. AD 93-05-06(1-29-93) 96 was replaced by installing Kit # 350 Drive Coupling replacement also installed an pump warning in P.O.H. installed new fuel hose from fuel pump and new oil pressure gauge hoses from engine to fuel pump. Replaced right brake linings.	1914.6			Charles Groves Niederhauser Airways, Inc. Waterloo, Iowa F.A.A. Approved Repair Station No. CSNR993C
DATE 2-14-94 W.O. # 10330 I certify that this aircraft/propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Signature <u>Charles Groves</u> for Niederhauser Airways, Inc. Waterloo, Iowa F.A.A. Approved Repair Station No. CSNR993C							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

DATE	VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
	Bearing error	Place	Signature		
VOR 1		VOR 2		19	
2-2-94				1926.3 hrs	Replaced Alternator with newly Overhauled unit and Voltage Regulator with new unit. Checked operation. Niederhauser Airways, Inc. Waterloo, Iowa F.A.A. Approved Repair Station No. CSNR993C
2-5-94				Tach 1927.7 hrs	Installed new overvoltage sensor P/N DS60-0101. Checked electrical system. Charles Groves Niederhauser Airways, Inc. Waterloo, Iowa F.A.A. Approved Repair Station No. CSNR993C

Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK". ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

MIT YOUR "GILL" AIRCRAFT BATTERY
 YOUR NEAREST "GILL" AUTHORIZED DE

TELEDYNE BATT

AIRCRAFT LOG

FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT	
				HOURS	10THS		
3-29-96	Tach 1940.3 hrs	Serviced and inspected all systems for proper operation. See AD list for compliance. New Gill G-35 battery in G01607058.		1940.3	TOTAL 1940.3 SMOH		
			DA 3-29-96		N.O.# 11010		
			I certify that this aircraft power plant has been inspected in accordance with a <u>annual</u> inspection and was determined to be in airworthy condition.				
			Signature <u>Charles Jones</u> for Niederhauser Airways, Inc. Waterloo, Iowa F. A. A. Approved Repair Station No. CSNR993C				

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Bearing error	Place	Signature		
VOR 1	VOR 2		19	
			4-11-97	Tach 1961.2 Hrs. Serviced and inspected all systems for proper operation. See AD list for compliance. New Gill G-35 battery in G01607058. Installed new E.L.T. battery next due 4-99. Installed new flap down limit switch as per service manual ops checked flaps.
				TACH/METER 1961.2 TOTAL 1961.2 SMOH
			DATE 4-11-97 W.O.# 71333	
			I certify that this aircraft power plant has been inspected in accordance with a <u>annual</u> inspection and was determined to be in airworthy condition.	
			Signature <u>Charles Jones</u> for Niederhauser Airways, Inc. Waterloo, Iowa F. A. A. Approved Repair Station No. CSNR993C	

Airworthiness is important to...
 Consult the...
 FAA Form 337

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	IOths	
6-21-99	Tech	1994.4 hrs.	Serviced and inspected all systems in accordance with AD 87-20-03 (9-24-90) Seat locking mechanism due each annual compliance C/w AD 87-20-03 (9-24-90) Seat locking mechanism due each annual SEB 99-3 N/A by date, SEB 99-1 N/A by date, SEB 98-9 N/A by date, C/w SEB 98-7 by date found O.K., SEB 98-5 N/A has King audio panel. C/w Airborne 3L-17B by installing new Kit #350 Pump Drive couplings. C/w FAR 91.207 d, 12, 3, 4. also installed new E.L. Battery next due Jul-01.				
TACH/METER 1994.4 TOTAL 1994.4 SMOH Date 6-21-99 W.O.# 11987 certify that this aircraft/power plant has been inspected in accordance with a <u>annual</u> inspection and was determined to be in <u>airworthy</u> condition. Signature <u>[Signature]</u> for Niederhuser Airways, Inc. Waterloo, Iowa F.A.A. Approved Repair Station No. CSNR993C							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Bearing error	Place	Signature		
VOR 1	VOR 2		19	
				Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
				PILOT WE CERTIFY THAT THE ALTIMETER/STATIC SYSTEM/ ALTITUDE REPORTER/TRANSPONDER/TESTS REQUIRED BY F.A.R. PARTS 91.411 & 91.413 HAVE BEEN PERFORMED AND TESTED TO <u>20,000</u> FEET. SIGNATURE <u>[Signature]</u> DATE <u>7-7-00</u> LIVINGSTON AVIATION INC. WATERLOO, IA FAA APPROVED REPAIR STATION NO. LVOR169J
				CO-PILOT WE CERTIFY THAT THE ALTIMETER/STATIC SYSTEM/ ALTITUDE REPORTER/TRANSPONDER/TESTS REQUIRED BY F.A.R. PARTS 91.411 & 91.413 HAVE BEEN PERFORMED AND TESTED TO <u>20,000</u> FEET. SIGNATURE <u>[Signature]</u> DATE <u>7-7-00</u> LIVINGSTON AVIATION INC. WATERLOO, IA FAA APPROVED REPAIR STATION NO. LVOR169J

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
7/7/00	7/7/00	7/7/00	6 hrs. Serviced and inspected H/W engine inst. Checked all systems for proper operation. See A.D. list for compliance. Replaced one main wheel bearing. Replaced both inboard brake linings. Jw 30B 00-2 ignition system. New Date codes MC 00-18.				
TACH/HR METER 2022.6 TOTAL 2022.6 GSMCH							
DATE 7/7/00 WO# 12428							
<p>CERTIFY THAT THIS AIRCRAFT/ENGINE/PROP/ROTOR HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>SIGNATURE <i>[Signature]</i></p> <p>LIVINGSTON AVIATION, INC. WATERLOO, IA</p> <p>FMA APPROVED REPAIR STATION NO. LVOR 1695</p>							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Bearing error	Place	Signature		
VOR 1	VOR 2		19	
2081	Full	Inspected and checked by vacuum system for precise flight, inc. sus-shuttle values 51W/10248 and subsequent. Installed according to instructions as manufacturer. R20 757 Avionics. Test flew to 10,000, 8,000, 6,000, 4,000, and 2,000 and recorded vacuum. Approved for installation by supplier's safe certificate number 58702. All papers sent in by Alder.		<i>[Signature]</i> LVOR 1695
2082	Full	Inspected and checked by vacuum system for precise flight, inc. sus-shuttle values 51W/10248 and subsequent. Installed according to instructions as manufacturer. R20 757 Avionics. Test flew to 10,000, 8,000, 6,000, 4,000, and 2,000 and recorded vacuum. Approved for installation by supplier's safe certificate number 58702. All papers sent in by Alder.		<i>[Signature]</i> LVOR 1695

LIVINGSTON AVIATION, INC. WATERLOO, IA
FMA APPROVED REPAIR STATION NO. LVOR 1695

MEMORANDA

Pilot
CERTIFY THAT THE ALTIMETER/STATIC SYSTEM/
ALTITUDE REPORTER/TRANSPONDER/TESTS REQUIRED BY
F.A.R. PARTS 91.411 & 91.413 HAVE BEEN PERFORMED AND
TESTED TO 20,000 FEET.
SIGNATURE *Lawrence Greenman* DATE 8-8-02
LIVINGSTON AVIATION INC. WATERLOO, IA
FAA APPROVED REPAIR STATION NO. LVOR169J

CO PILOT
WE CERTIFY THAT THE ALTIMETER/STATIC SYSTEM/
ALTITUDE REPORTER/TRANSPONDER/TESTS REQUIRED BY
F.A.R. PARTS 91.411 & 91.413 HAVE BEEN PERFORMED AND
TESTED TO 20,000 FEET.
SIGNATURE *Lawrence Greenman* DATE 8-9-02
LIVINGSTON AVIATION INC. WATERLOO, IA
FAA APPROVED REPAIR STATION NO. LVOR169J

MEMORANDA

Date
16-02 TOTAL TIME: 2083.4 ^{NEW} INSTALLED FLOW DIVIDER HOSE ASSY. PART #AE3663819R0405
ENGINE RUN 3 OP OK/LEAK OK. TODD J. ^{ASP} *Amelun* 424884023