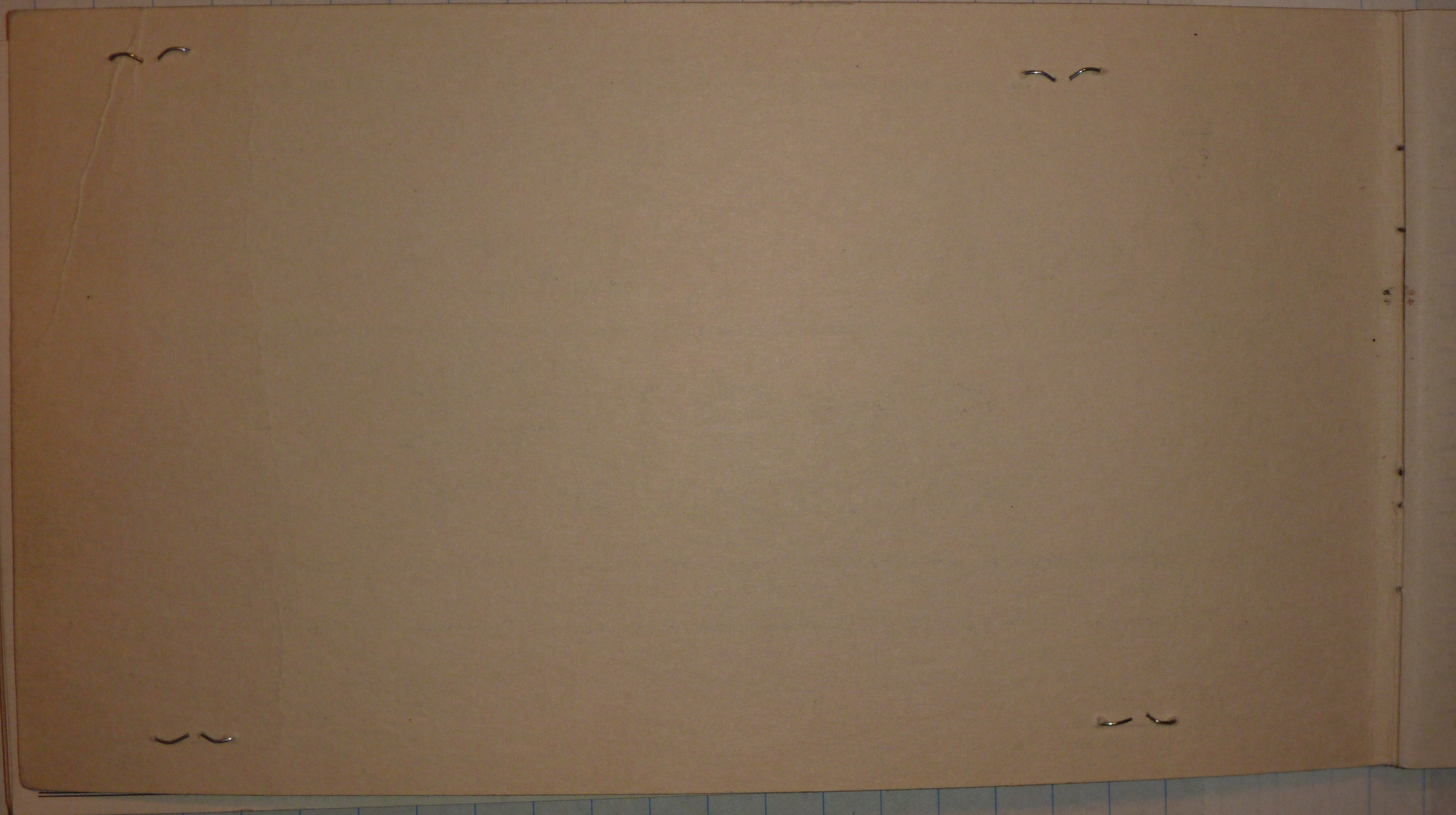


Log #1





Engine and Propeller Log

Comprehensive Recording of Engine
and Propeller Records

ENGINE DESCRIPTION

Mfgr. <i>Lycenising</i>	Place		Date
Type <i>Opposed</i>	Model <i>O-360-A1F6D</i>	Serial No. <i>L-17475-36A</i>	
Rated H. P. <i>180</i>	Maximum H. P. <i>180</i>	Weight (Dry)	
Rated R. P. M. <i>2700</i>	Maximum R. P. M. <i>2700</i>	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio	Gear Ratio	
Propeller <i>McCawley</i>	Hub Design <i>B2D34C208</i>	Hub Serial No. <i>731178</i>	
Blade Design <i>82PA-6</i>	Blade Serial	Blade Serial	Blade Serial
Maximum Hub H. P.	Maximum Blade H. P.		
Pitch <i>12.1°</i> <i>26.0°</i>	Diameter <i>76"</i>	Length	
Owner's Name			
Address		City	State

ENGINE LOG

[illegible]

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				Checked compression, cleaned screens, cleaned and regapped all spark plugs, reset timing, checked for general condition & found to be OK. Ground run & checked for oil leaks & found none.		
				I certify that this aircraft/engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.		
				Tach hours <u>103.0</u>		
				Date <u>July 27, 1973</u>		
				By <u>James R. Moseley</u>		
				GOODRICH AVIATION, INC.		
				MUNICIPAL AIRPORT, AMES, IOWA		
				FAA CERTIFIED REPAIR STATION #304-4		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

[illegible]

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
Date 11-9-73 Tach 300.6 Checked compression, cleaned + regapped plus 53. Checked general condition + found OK. Set mixture + idle. Larry M. Schniffler ATP 2212378 W/O 1349						
I certify that this aircraft/engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.						
Tach hours 300.6						
Date 11-9-73 W/O 1349						
By Larry M. Schniffler ATP 2212378						
GOODRICH AVIATION, INC. MUNICIPAL AIRPORT, AMES, IOWA FAA CERTIFIED REPAIR STATION #304-4						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER																		
		HOURS	10THS																					
19				Date 12-29-73 Tach 403.4 Checked compression, Checked general condition + found OK. Replace all exhaust gasket + replace 4 bottom plugs clean + gapped Top plugs. Rebuilt shimmy damper (replace oil rings), Checked controls. David E. Heykendall for Goodrich Aviation Repair Sta #304-4																				
				The aircraft, airframe, aircraft engine, propeller, 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 work are on file at this repair station. Signature of authorized representative GOODRICH AVIATION, INC. AMES, IOWA FAA CERTIFIED REPAIR STATION #304-4																				
I certify that this aircraft/engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Tach hours <u>403.4</u> Date <u>12-29-73</u> By <u>David E. Heykendall</u> GOODRICH AVIATION, INC. MUNICIPAL AIRPORT, AMES, IOWA FAA CERTIFIED REPAIR STATION #304-4				COMP CHECK <table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td></td> <td></td> </tr> <tr> <td>79</td> <td>78</td> <td>78</td> <td>78</td> <td></td> <td></td> </tr> </table>			1	2	3	4	5	6	80	80	80	80			79	78	78	78		
1	2	3	4	5	6																			
80	80	80	80																					
79	78	78	78																					

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER																		
		HOURS	IO THS																					
				DATE 3-7-74 Tach 500.0 Replaced muffler with new Set idle + mixture settings cleaned + gapped spark plugs check timing & mags - controls - electrical systems - cleaned fuel screens - changed oil filter checked heat muff - ground run + test flew found OK David E. Huykendall for Goodrich Aviation Repair Sta #304-4																				
COMP CHECK <table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>80</td><td>80</td><td>80</td><td>80</td><td></td><td></td> </tr> <tr> <td>79</td><td>79</td><td>79</td><td>79</td><td></td><td></td> </tr> </table>				1	2	3	4	5	6	80	80	80	80			79	79	79	79			I certify that this aircraft/engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Tach hours <u>500.0</u> Date <u>3-7-74</u> By <u>David E. Huykendall</u> GOODRICH AVIATION, INC. MUNICIPAL AIRPORT, AMES, IOWA FAA CERTIFIED REPAIR STATION #304-4		The aircraft, airframe, aircraft engine, propeller, 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 <u>WFO 7467</u> Dated <u>3-7-74</u> <u>David E. Huykendall</u> Signature of authorized representative GOODRICH AVIATION, INC. AMES, IOWA FAA CERTIFIED REPAIR STATION #304-4
1	2	3	4	5	6																			
80	80	80	80																					
79	79	79	79																					

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ENGINE LOG

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ENGINE LOG

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ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
				DATE 702.6 Tach 702.6 Cleaned fuel screens - cleaned + gapped spark plugs checked timing - controls - electrical systems - mufflers - heat muffers Filed prop Ground run & found to be ok. David E. Hughendall for Goodrich Aviation Repair Sta #304-4		
				The aircraft, airframe, aircraft engine, propeller, 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 filed at this repair station. WAB #1683 Dated 6-28-74 David E. Hughendall Signature of authorized representative GOODRICH AVIATION, INC. AMES, IOWA FAA CERTIFIED REPAIR STATION #304-4		
I certify that this aircraft/engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Tach hours <u>702.6</u> Date <u>6-28-74</u> By <u>David E. Hughendall</u> GOODRICH AVIATION, INC. MUNICIPAL AIRPORT, AMES, IOWA						

COMP CHECK

1	2	3	4	5	6
80	80	80	80		
79	79	79	79		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE
FAA CERTIFIED REPAIR STATION #304-4

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
19						
10-874		736.8		Replaced both propeller blades due to a hard landing. Ran aircraft and flew aircraft - OK - Tank run out a/c .001	Jerry V Buster	AEP 2158508
11-29-74	TT	789.8		Changed oil & filter AS 100 wt. Repaired Carb heat valve, cleaned engine and opened Eng Cool flaps.	Jerry V Buster	AEP 2158508
3-17-75	TI	815.6		Changed Oil & Filter AS 100 wt. Cleaned Engine, inflated tires.	Jerry V Buster	AEP 2158508

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 75 7-1-75				TACH READS 830.9 - T.T.		
100 hr INSPECTION COMPLETED FOR RELICENSE THIS DATE. REPLACED ALL SPARK PLUGS (RHM-38E), COMPRESSION CHECKED CYLINDERS #1-89/80 #2-77/80 #3-79/80 #4-77/80. INSTALLED NEW CARB HEAT CONTROL, BOTH NEW POINTS IN MAGNETO, CHECKED ALL ACCESSORIES FOR CONDITION & SECURITY. CHECKED EXHAUST SYSTEM & REPLACED ALL HEADER GASKETS. INSPECTION MOUNTS, PLUMBING & CONTROLS FOR OPERATION & SECURITY. DRESSED PROP BLADES & CHECKED SECURITY. WASHED DOWN & RUN UP, ALL CONDITIONS NORMAL. ALSO REFINED MAG TO ENGINE PER LYCOMING SPECS. Gerald F. Robertson I certify that this Aircraft has been inspected ALSO C/W-AD AX P 1015598. in accordance with a Annual 74-16-06-01 & Press inspection on 7/3/75 and LINE-SECURITY-APP was determined to be in airworthy condition. All AD Bulletins thru Listed in Ruv 830.9						

cpd. with. Tach Time

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

P. W. Mueen

Authorized Signature

A & E 475170 I.A.

ENGINE LOG

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 76	8-4-76			Recording Tach reads 846.8 100 hr Snap. Completed this date. Cleaned fuel & air screens. Cleaned & gapped spark plugs. Compression checked cyls. #1- 2- 3- 4- Snap accessories, engine controls, mounts & attach points. Snap Mag internally & checked engine timing. Washed down & run up for operational check. Engine is airworthy this date. All A.P.'s up to date thru 76-14-7 Gerald F. Robertson A & P 1013598		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
19 8/4/76	tech	846.8				
I CERTIFY THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DATE <u>8-4-76</u> TOTAL TIME <u>846.8</u> GEORGE S. LANNING A & P 1494205 <i>George S. Lanning</i> IA 1494205 ALTAIR AVIATION CORP. Cameron Operations Beech Sales and Service Cameron Park Airport Telephone: 933-0474						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
11-25-76				Recording Tach Reads 855:9 adjusted prop gov. stop to obtain 2700 RPM, added 1 qt of SAE 10-50 oil. Cleaned prop blades & painted faces. Checked Engine installation for general condition. Run up - OK	Gerald F. Robertson	
					A & P 10155-98	
8-27-77				Recording Tach reads 875:30 Work Insp. for Reliance completed this date. Changed oil replaced filter. Cleaned & gaped spark plugs. Compression Check Cyl #1 - 77/80, 2 - 77/80, 3 - 76/80, 4 - 76/80. Inspected Mag & checked Engine timing. Adjusted Prop gov to obtain 2700 RPM. At high RPM Stop. Replaced all Rocker cover gaskets. Insp. Exhaust & Intake systems. Checked & lubed Engine Controls, washed down & run up. Engine is Airworthy this date.	Gerald F. Robertson	
					A & P 10155-98	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	10THS				
				I certify that this Aircraft has been inspected in accordance with a <u>Annual</u> inspection on <u>8/27/77</u> and was determined to be in airworthy condition. All AD Bulletins thru <u>Listed in Rear</u> cpld. with. Time <u>875.3</u> <u>C. W. Messier</u> Authorized Signature <u>A & E 475170 I.A.</u>			
10-1-77				Recording Tach 875.9 Replaced fuel hoses (2) to Pumps (Engine) & one hose from Boost Pump to Carb. Adjusted Prop Gov to obtain 2700 RPM - full throttle & installed 4 new spark Plugs on all cyl. Bottom - <u>Derald F. Robertson</u> ATP 10105598			

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 <u>78</u>	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
6-30-78				Reverding tach reads 892.6 = Total Time. 100 hr inspection for Reliance completed this date. Changed oil & replaced filter. Serviced engine with 8 Qts of AeroShell W 50wt. oil. Cleaned & gapped spark plugs. Compression checked all Cyls - #1 - 7/80, 2 - 7/80, 3 - 7/80, 4 - 7/80. Insp. of intake systems, engine control accessories, mounts & attach points. Serviced props. Checked Mag internally & adjusted engine timing. Washed down & run up for operational check. Researched A.D.s thru 78-11. Engine is Airworthy this date. Gerald H. Raberlin A & P 1015598		
				I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> ON <u>7/1/78</u> AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION A.D. LISTED <u>In Rear Of Aircraft Log</u> TOTAL TIME <u>892.6</u> TACH TIME <u>892.4</u>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

Signature

A & E 475 170 1A

ENGINE LOG

DATE 19 <u>78</u>	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8/24/78.				Recording Tach Reads 893.6. Removed Mag for Q.H. - Service Bulletin & A.D. Compliance. Overhaul Completed by Savage Mag Ser. & all Service Bulletins & A.D. 77-17-07 & A.D. 78-69-07 Complies with this date. Mag installed, & timed to engine. A/C test flown & all conditions Normal this date. Gerald F. Robertson ARF 1015598.		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 79						
6-30-79	Recording			Tach Reads 913:0-74		
	100 hr. Insp for Reliance			Completed this date. Changed oil,		
	replaced filter & serviced engine with 8 qt Aeroshell W-50wt oil. Cleaned			& gaped spark plugs. Compression checked Cyl #1- 780, 2-760, 3-750		
	4-780 - checked Mag timing, engine controls. Mounts &			attach Points. Inspected accessories, washed down & run up.		
	Engine is Airworthy this date.			Sherald F Robertson		
				A & F 1015598		
				I certify that this aircraft has been inspected		
				in accordance with <u>Annex 1, M</u>		
				<u>7/30/79</u> and		
				recommended to be in airworthy condition		
				all info bulletin listed in rear <u>Firecrest Log</u>		
				expd. with time <u>903</u>		
				<u>P. W. Mckenzie</u>		
				Authorized Signature		
				A & F 475170 1A		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 79						
10-15-79	50 hr.			Regarding Tech Reads 956.8 Inspection completed this date. Changed oil, replaced filter, cleaned & gapped spark plugs. Checked accessories, plumbing & installation for general condition. Washed down & run up for operational check. Engine is airworthy this date. Gerald F. Robertson AIP 1015598		
12-30-79				Regarding Tech Reads 958.6 Magnets removed & sent to factory per Bulletin 605 & 605A Comp leaves as per AD-78-18-06. Magnets installed & timed to engine @ 25° BTDC. Run up & test. Mag 5/1862- Gerald F. Robertson AIP 1015598		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 80	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
6-30-80	Recording Tach Reads 975.0 = Total Time.					
100 hr. inspection Completed this date. Comp Air Compression Check as follows Cyl # 1-5%, 2-7%, 3-5%, 4-7%. Inspected Mag. internally & checked Engine Timing. Insp. intake & Exhaust systems. Serviced Props & Painted blades. Checked plumbing, engine controls, Mounts & attach points. Replaced plugs in 1 & 3 upper, 2 & 4 lower. Cleaned & gassed the rest. Washed down & ran up for operational check. Engine is airworthy this date. I certify that this aircraft has been inspected in accordance with <u>Annual</u> <u>7-1-80</u> and was determined to be in airworthy condition at all operations listed in year <u>Page</u> <u>975.0</u> <u>P. W. Mireux</u> Authorized Signature A & E 475170 I.A Gerald F. Robertson A & P 1013598						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 81	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
8/1/81	Recording Tach Reads 1000:00 = 77.					
100-hr inspection for Helium completed this date. Changed oil & replaced filter. Serviced engine with 8QT of Shell W-50 oil. Changed & gapped Spark Plugs, amp. accessories, ign system, intake system, all hoses, fuel system. Mounts & attach points. Checked compression as follows: Cyl 1 - 78/80, 2 - 78/80, 3 - 78, and 4 - 78/80. Checked mag internally & point for gap & condition. Also checked magnets timing. Engine washed down & run up, all conditions normal this date.						
I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection on <u>8/1/81</u> and <u>Propeller</u> Total Time <u>SMOH.</u> was determined to be in airworthy condition <u>243.2 hrs</u> all ad bulletins listed in rear <u>Aircraft Log #1</u> cpd. with time <u>1000.00</u> <u>P. W. Miesner</u>				<u>Donald F. Robertson</u> <u>ATP 1015398</u>		

Authorized Signature

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

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CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
1982						
Sept 1, 1982	Recording Tach Reads 1044.2 = Total Time.					
	100 hr. Inspection completed this date. Cleaned & gapped spark plugs. Checked Magnets internally & checked engine timing. Inspected exhaust & intake systems. Checked engine controls, accessories, plumbing, mounts & attach points. Compression checked Cyls - 1-78/80, 2-80/80, 3-76/80, 4-76/80. Serviced prop. Checked Bulkhead, spinner & painted blade faces. I certify that this Engine has been inspected in accordance with a 100 hr. Inspection & was found Airworthy.					
					Donald F. Robertson	
					A & P 1015598	
Sept 1, 1982	Total Time 1044.2 ^{hrs}					
	I certify that this aircraft has been inspected in accordance with a annual inspection and determined to be in Airworthy condition. Engine H-100 A+E 1244526 I.A.					

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 83	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
1-7-83				Recording Tach Reads 1050:00 - Changed Oil & replaced filter. Old filter inspection revealed no adverse conditions. Serviced engine with 8 qts of Phillips 20/50 oil & run up for leak check. Checked & gapped spark Plugs. all conditions Normal this date. Gerald F. Robertson A & P 1015598		
2/28/83				Recording Tach Reads 1075:0 - 7.7 Changed oil & Serviced Engine with 8 Qts of Phillips 20/50 oil. Run up for leak check. Visual check of Engine OK. Filter change due at Annual - (9/83) - Gerald F. Robertson A & P 1015598		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

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CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 <u>84</u>	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
				I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection on <u>10-12-83</u> and was determined to be in airworthy condition all ad bulletins listed in rear <u>83-19</u> cpld. with time <u>1079.5</u> <u>Ernest H. Fort 1144526 E A</u> Authorized Signature <u>A & E</u>		
5/10/84	Recording Tech Reads 1100:0 hrs = 74-SW 25 hr. Insp. Completed this date. Changed oil, replaced filter, cleaned & gapped plugs, revealed all push rod bearings & installed new gaskets on Rocker Cover. Washed down & run up for operation. Check. all conditions normal.				<u>Ernest H. Fort</u> A & E 1015598	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 84						
8/26/84-				Recording Tach Reads 1125:0 = Total Time. Changed oil - Serviced Engine with 8 Qts of Philips - 20/50 oil. (Filter due Next chg.) Replaced all Ex Gaskets with Mo-Blo Gasket & inspected Ex & clutch Systems. Engine Controls, Air Box & attach Points. Run up Normal this date.	Shirley Z. Robertson	
9/22-84-				Tach Reads 1131:2 - Replaced Alternator, A & P 1015528 with rebuilt Airborne unit - op - ok. B & F. Robertson B & F 1015528		
10-1-84-				Recording Tach Reads 1131:1 hrs = Total Time 100 hr. Inspection completed this date. Inspected clutch system, Prop & spinner Back Plate. Compression checked Cyls. - #1 - 80/80; 2 78/80; 3 - 78/80 - 4 - 76/80 - . Check all Engine Controls, Mount, & attach points worked down & Run up for operational check. No discrepancies noted this date. (100 hr. Continued Next Page) - B & F		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 <u>84</u>	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
10-1-84	-	1131.1	hrs.	I Certify that this Engine has been inspected in accordance with a 100 hr. inspection & was determined to be in Airworthy Condition. Gerald F. Robertson AIP 1015598		
10-1-84	-	1131.1		Total Propeller Time S.M.A. = 394.3 - GFR		
10-1-84	-	1131.1		ENGINE I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Annual</u> ON <u>10-1-84</u> AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION A.D. LISTED <u>A.A.</u> <u>TOTAL TIME 1131.1 hrs</u> TACH TIME <u>1131.1 hrs</u>		
10-1-84				<u>Engine 76 Jort 1441244526 FA</u> Signature <u>A & I</u>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 85	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
March 13, 1985				Recording Tach Reads 1150.0 hrs = Total Time CHANGED OIL & REPLACED FILTER. SERVICED ENGINE WITH 8 QTS. OF PHILIPS 20/50 OIL & CH48/03 CHAMP. FILTER. VISUALLY INSPECTED ENGINE MTS, CONTROLS & INT. SYSTEMS AND ALL ATTACH POINTS. RUN-UP FOR OPERATIONAL & LEAK CHECK. ALL CONDITIONS NORMAL THIS DATE. Gerald H Robertson AYP 1015598		
April 24, 1985				Recording Tach Reads 1168:1 Cleaned & gapped Spark Plugs & Checked Mag Timing. Also installed 6 QZ. & LW-16702 Lycorning Oil additive. Run up OK Gerald H Robertson AYP 1015598		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 85						
5/26/85				Recording Tach Reads 1145.0 hrs. Changed oil & replaced filter. Serviced Engine with 8 Qts of Philips 20/50 Oil. Cleaned & gapped spark Plugs. Visual checked Engine Compartment. Run up Normal This date. J. Gerald F. Robertson ATP 1015598		
11/1/85				Recording Tach Reads 1200.0 hrs = Total Time. 100hr inspection for Reliance Comp. at this date. Changed oil & replaced filter, Cleaned & gapped spark Plugs. Compression checked all cylinders - 1 - 80/80, 2 - 80/80, 3 - 80/80, 4 - 80/80. Checked & adjusted carburetor & intake systems. drained fuel sumps & Carb Bowl. Checked Mag Point & Timing. Run up for operational check. All Conditions Normal. This date, see Next page for final sign-off. J. Gerald F. Robertson ATP 1015598		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
19 85.						
11/1/85	Continued from Previous Page.					
	This <u>Engine</u> has been inspected in accordance with a <u>100 h.R.</u> inspection and has been determined to be in airworthy condition.			This <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and has been determined to be in airworthy condition.		
	Total Time	<u>1200:0</u>		Total Time	<u>1200:0</u>	
	Tach Time	<u>1200:0</u>		Tach Time	<u>1200:0</u>	
	S.M.O.H.	<u>---</u>		S.M.O.H.	<u>---</u>	
	Date	<u>11/1/85</u>		Date	<u>11-1-85</u>	
	Signature	<u>Gerald F. Robertson</u>		Signature	<u>[Signature]</u>	
		<u>AIP 1015598</u>			<u>AIP 1244526 LA</u>	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 86. 6/8/86				Tach Reads 1225.0 = 77 Changed oil, replaced filter & cleaned plugs. Strobe checked Tachometer as follows: Strobe Computations taken by American Propeller Service Redding Calif. Visual check of Airframe - OK this date. Gerald F. Robertson AIP 1015598		
6/11/86				Reading Tach Reader 1225.0 = 77 Changed oil & replaced filter. Serviced Engine with Phillips 20/50 - 8 qts of Oil. Replaced all ignition leads with New Spark leads. Cleaned & gaped plugs & Run up Satisfactory this date. Engine is Airworthy this date. Gerald F. Robertson AIP 1015598		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 86 8/26/86				Recording Tach Reads 1243:9 - Total Time Replaced all Engine Shock Mounts & Torqued to 450 in lbs. also replaced all spark Plugs - Visual checked Engine - Ex - Int, Carb Controls & Fuel system. Engine is airworthy this date. Gerald F. Robertson A/P 1015588.		
9/21/86				Recording Tach Reads 1250:0 = 7.7. changed oil & replaced filter. Serviced Engine with 8 Qts of 20W-50W Philips XC oil. Visual checked Engine, accessories, Mounts & attach Point. Run up Normal this date. Gerald F. Robertson A/P 1015598		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 86	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
11-12-86	RECORDING TACH READS 1263:8 HRS = TOTAL TIME					
	100 HR INSPECTION COMPLETED THIS DATE. CLEANED & GAPPED PLUGS,					
	COMPRESSION CHECKED ALL CYLS - #1-84/80, 2-84/80, 3-84/80, 4-78/80.					
	INSPECTED INTAKE & EXHAUST SYSTEMS, CHECKED PLUMBING, HOSES &					
	ACCESSORIES FOR SECURITY & OPERATION. INSPECTED VALVE POINTS & CHECKED					
	TIMING. RUN-UP FOR OPERATIONAL & LEAK CHECK. I CERTIFY THAT					
	THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR					
	INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION					
	Gerald F. Robertson					
	ATP 1015598					
					This ENGINE has been inspected in	
					accordance with a <u>ANNUAL</u> inspection	
					and has been determined to be in	
					airworthy condition.	
					Total Time <u>1263:8</u>	
					Tach Time <u>1263:8</u>	
					S.M.O.H. <u> </u>	
					<u> </u>	
					Date <u>11-12-86</u>	
					Signature <u>Gerald F. Robertson</u>	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ATP 1244526 I.H.

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOHS			
19 87.						
1/19/87				Recording Tach Reads 1275.0 hrs = Total Time. Changed oil & replaced filter. Serviced engine with 8 qts of Philips 20-50 x country oil. also Comp. lift with AD 86-24-07 - Bolt changed for drilled one with Contollated Nut & Cutter key. Checked Ex & Intake systems & all accessories for condition & operation. Engine is Airworthy this date.		
				C/O AD 86-24-07 - APPLIES TO THROTTLE CABLE ATTACHMENT AT CARBURETOR. B/M	Gerald F. Robertson AIP 1015598	
8/9/87				RECORDING TACH READS 1300:0 HRS = TOTAL TIME CHANGED OIL & REPLACED FILTER. CLEANED PLUGS & ROTATED TOP TO BOTTOM WASHED COWLING (LOWER) REPLACED BOLT AT CARB HEAT CONTROL, VISUAL CK EXD INTAKE SYST. ALSO ADDED LYCOMING LUBRICANT LW 16902. ENGINE SERVICED WITH 8 QTS OF PHILIPS 20W-50W OIL ENGINE IS AIRWORTHY THIS DATE.	Gerald F. Robertson AIP 1015598	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 87	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	IOths				
11/19/87				RECORDING Tach Reads 1315.1 HRS = TOTAL TIME 100HR INSPECTION FOR RELICENSE COMPLETED THIS DATE. CLEANED & GAPPED SPARK PLUGS, COMPRESSION CHECKED ALL CYLS. SEE SHEET CHECK FOR PERTINENT DATA. REPLACED CABIN HEAT SEAT HOSE AT MUFFLER & BASSLER TO CONTROL BOX. CHECKED EXHAUST & INTAKE SYSTEMS, INSPECTED ALL ENGINE CONTROLS, CHECKED MAGNETO'S INTERNALLY FOR CONDITION & SECURITY. RESET POINT GAP & REJIMED MAG TO ENGINE-25° BT. WASHED DOWN & RUN UP FOR OPERATIONAL CHECK C/W AD 76-07-12. ALL CONDITIONS NORMAL THIS DATE. BENDIX SWITCH INSP. Leland F Robertson A/P 1015598	This ENGINE has been inspected in accordance with a 100HR inspection and has been determined to be in airworthy condition.		
					Total Time 1315.1		
					Tach Time 1315.1		
					S.M.O.H. —		
					Date 11/19/87		
					Signature Leland F Robertson		
					A/P 1015598		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 87. 11/19/87 -				This ENGINE has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition. Total Time <u>1315.1</u> Tach Time <u>1315.1</u> S.M.O.H. <u> </u> Date <u>11/19/87</u> Signature <u>[Signature]</u> <u>MS 1244526 IV</u>		
11/30/87				RECORDING Tach READS - 1315:1 HRS - REPLACED ALL BAFFLE SEALS & CHECKED SEAL ON COWLING AFTER INSTALLATION. ALL CONDITIONS NORMAL THIS DATE. <u>[Signature]</u> ATP 1015598		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
3/20/88		Recording Tach Reads - 1325.6 hrs = 7.4.			
		CHANGED OIL, REPLACED FILTER. SERVICED ENGINE WITH 8 QTS OF Philips-20/50 OIL. REPLACED VACUUM PUMP WITH SERVICEABLE PUMP due to drive failure on old pump			
		CHECKED OPERATION - ALL CONDITIONS NORMAL THIS DATE			
					Gerald F Robertson ATP 1015598
		REFER TO LOG #2 FOR FUTURE MAINTENANCE DATA. THIS LOG #1 IS TERMINATED THIS DATE 8/21/88			
					Tach READS 1350.0 hrs G.F. Robertson ATP 1015598

PROPELLER INSPECTION & REPAIRS

[illegible]

PROPELLER INSPECTION & REPAIRS

[illegible]

PROPELLER INSPECTION & REPAIRS

[illegible]

MEMORANDA

Date _____

MEMORANDA

[illegible]

MEMORANDA

Date _____

MEMORANDA

Date	
	A.D.
	73-23-01 - N/A
	75-08-09 - N/A AMENDMENT 39-2490 - N/A. S/K - A/P 1015598
May 5	73-7-4 - AD-77-12-09 &
8-23-78	78-09-07 N/A At This Time C/W - Mag O.H. as PER SAVAGE ON CERT CARD & W/O 18/7
12-30-79	AD-79-18-06 Dual Mag O.H. by factor as per Ser. Bell. 6051605A
12-30-80	AD-79-10-03 & AD 79-15-02 N/A by S/N B.F. Robertson A/P 1015598
"	AD-79-12-07 - N/A - (4 cyl mag) B.F. Robertson - A/P 1015598
10/10/83	AD-82-11-05 Yw - Replaced Wind Sues & Control Points B.F. Robertson A/P 1015598
10/10/83	AD 82-20-01 Yw - Insp. Insp. Compliance for Paul Kachner - A/P 1015598

Make McCulloch Serial No. 731178

Model B2D34C208 Reg. Mark _____

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

Work Order No. 1972

Date 10-1-74

Signed Herman Foster for

FOSTER'S PROPELLER SERVICE

Certificate No. 2262

Box 237, Boynton, Oklahoma Phone (918) 733-2625

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NEW YORK 13838

Dennison Eas



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Inspector

Richard Muto

Date

8/17/78

SERVICE INSTRUCTIONS

S/B 584B, 587, 588, 590A, 599, + 600

SER

UTULY



"LOOK FOR THE RED AND BLUE
CESSNA PENNANTS FOR THAT
EXTRA SERVICE WHERE IT COUNTS
WHEN YOU NEED IT."

CESSNA AIRCRAFT COMPANY WICHITA, KANSAS