

 Cessna®

FROM	TO
0.0	2505.1
DEC. 15, 1973	SEP 25, 1991

ENGINE

AND PROPELLER LOG

N 52590 SERIAL NO. 451994

ENGINE LOG

DATE 19 <u>73</u>	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
<u>12-15</u>	<u>1.75</u>	<u>1.75</u>			<i>[Signature]</i>	<u>OH1417</u>
<u>May 31 1974</u>		<u>27.1</u>		<p>25 Hr INSP performed changed oil 12 of 50 Non Def. oil. changed air filter + changed oil filter. checked Battery, washed cowling Eng. Engine approved for return to service signed for Hughes Nevada aircraft operation Robert H. Seck R/S # 410-01</p>		

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 74						
6-13	TACH	69	0	<p>Changed oil installed Frantz oil filter as per 337 this date. Shell 500 add to oil volume AP910299</p>	<p>PARCAIR INC. BILL DAILED P.O. BOX 667 PAROWAN, UTAH 84761</p>	

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							
				I certify that this <u>ENG</u> _____ has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in airworthy condition. Work Order <u>7610</u> Date <u>6-29-74</u> Signed <u>Randy J. Whet</u> for Hughes Aviation Services <u>TACH 108.8</u> 6005 Las Vegas Blvd. So. Las Vegas, Nevada 89119 FAA Approved Repair Station <u>410-02</u>	<u>C/N # 24-08-15</u> <u>MAGNETO INSP.</u>		
				<u>THIS ENG APPROVED FOR RETURN TO SERVICE</u>			

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 74						
8-31	TACH	223	2	Removed # 5 cyl displaced cyl resented valves installed new rings. used all new gaskets and seals cleaned and capped all spark plugs Changed oil and filter filter Checked fuel screens Checked all AD's I certify that I have inspected this engine in accordance with an IOWAR inspection and determined it to be in Airworthy condition Bill Oulala NP1910299		
				Paro Air Inc. P. O. BOX 667 PAROWAN, UTAH 84761		

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 <u>74</u>						
10-15		324	7	Cleaned and gapped all spark plugs Changed front filter. Checked mag and timing. Installed new gas lock seal in vacuum pump drive. New alt drive belt installed. Checked fuel screen. Changed oil & belt 500 added. I certify that I have inspected this engine in accordance with an 100HR inspection and determined it to be in Airworthy condition. Bill Cavada AP196299		
Paro Air Inc. P.O. BOX 667 PAROWAN, UTAH 84761						

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 74						
12-1	TACH	426.4		<p>Charged and gaped all spark plugs Changed oil and front of filter Checked timing changed valve lock seal on vacuum pump Checked fuel screen I certify that I have inspected the engine in accordance with an 100HR inspection and determined it to be in airworthy condition Bill Paulda PP1910294</p>		
<p><i>Paco Air Inc.</i> P.O. BOX 667 PAROWAN, UTAH 84761</p>						
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 75						
1-25		526.0		Compression 1 7/80 2 7/80 3 7 2/80 4) 7 1/80 5 7 1/80 6 7 7/80. Installed new spark plugs 5288 . Changed oil filter, tranny. Changed oil shell 50 detergent. Checked mag and readjusted mag. I certify that I have inspected the engine in accordance with an 100HR inspection and determined it to be in airworthy condition. Bill Wabda AP1910299		
				PARO AIR INC. P.O. BOX 667 PAROWAN, UTAH 84761		
3-18	TACH	629.5		Compression Check 1 7/80 2 7 1/80 3 7 1/80 4 7 1/80 5 7 1/80 6 7 1/80 Checked and adjusted mag. Changed oil and tranny filter. Checked carburetor. Cleaned and gaped all 2 spark plugs. I certify that I have inspected the engine in accordance with an 100HR inspection and determined it to be in airworthy condition. Bill Wabda AP1910299		
				PARO AIR INC. BILL DAILEDIA P.O. BOX 667 PAROWAN, UTAH 84761		

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				<p style="text-align: center;">ACCOMPLISHED INSPECTION</p> <p>TOTAL TIME <u>727.8</u> TACH TIME <u>727.8</u></p> <p>I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS REPAIR STATION</p> <p>UNDER WORK ORDER NO. <u>13748</u></p> <p>DATE <u>5-2-75</u></p> <p>SIGNED <u>R. J. duhaat</u> FOR</p> <p>HUGHES NEVADA AIRPORT OPERATIONS REPAIR STATION NO. 419-01 2772 TONOPAH HIGHWAY LAS VEGAS, NEVADA</p>	<p>CHANGED OIL AND FILTER 12 pts ASWED THIS ENG. APPROVED FOR RETURN TO SERVICE THIS ENG. THIS ENG WILL BE MAINTAINED AS PER CESSNA PROGRESSIVE CARE PROGRAM STARTING THIS DATE</p>	<p><u>R. J. duhaat</u> XXXXXXXXXXXX RS# 419-01</p>	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENS NUMBE
		HOURS	10THS			
19						
				<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">ACCOMPLISHED INSPECTION</p> <p style="margin: 0;">TOTAL TIME <u>773.9</u> TACH TIME <u>775.9</u></p> <p style="margin: 0;">I CERTIFY THAT THIS <u>ENG</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>CFR #1</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p style="margin: 0;">PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS REPAIR STATION</p> <p style="margin: 0;">UNDER WORK ORDER NO. <u>13799</u></p> <p style="margin: 0;">DATE <u>5-14-75</u></p> <p style="margin: 0;">SIGNED <u>[Signature]</u> FOR</p> <p style="margin: 0; font-size: small;">HUGHES NEVADA AIRPORT OPERATIONS REPAIR STATION NO. 410-01 2772 TONOPAH HIGHWAY LAS VEGAS, NEVADA</p> <p style="margin: 0; text-align: right;"><u>[Signature]</u></p> </div>		
				<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">ACCOMPLISHED INSPECTION</p> <p style="margin: 0;">TOTAL TIME <u>828</u> TACH TIME <u>828</u></p> <p style="margin: 0;">I CERTIFY THAT THIS <u>ENG</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>CFR #2</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p style="margin: 0;">PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS REPAIR STATION</p> <p style="margin: 0;">UNDER WORK ORDER NO. <u>13838</u></p> <p style="margin: 0;">DATE <u>6-4-75</u></p> <p style="margin: 0;">SIGNED <u>[Signature]</u> FOR</p> <p style="margin: 0; font-size: small;">HUGHES NEVADA AIRPORT OPERATIONS REPAIR STATION NO. 410-01 2772 TONOPAH HIGHWAY LAS VEGAS, NEVADA</p> <p style="margin: 0; text-align: right;"><u>[Signature]</u></p> </div>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

APPROVED FOR RETURN TO SERVICE

ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	10THS			
19							
					<p style="text-align: center;">ACCOMPLISHED INSPECTION</p> <p>TOTAL TIME <u>8:22</u> TACH TIME <u>8:22</u> CHANGED OIL AND FILTER</p> <p>I CERTIFY THAT THIS <u>ENG</u> HAS 12QT'S PSW 50 BEEN INSPECTED IN ACCORDANCE WITH</p> <p><u>PART 3</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS REPAIR STATION</p> <p>UNDER WORK ORDER NO. <u>13911</u></p> <p>DATE <u>7-3-75</u></p> <p>SIGNED <u>R.S. [Signature]</u> FOR</p> <p>HUGHES NEVADA AIRPORT OPERATIONS REPAIR STATION NO. 410-01 2772 TONORAH HIGHWAY LAS VEGAS, NEVADA</p> <p style="text-align: center;">APPROVED FOR RETURN TO SERVICE</p>		
CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE							

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENS. NUMB
		HOURS	10THS			
19						
				7-26-75 TACH 927.1		
				PERFORMED CESSNA PROGRESSIVE		
				CARE OPER #4 THIS DATE		
				APPROVED FOR RETURN		
				TO SERVICE	R.S. [Signature]	
					A+P 2014698	
				8-15-75 TACH 981.3		
				PERFORMED CESSNA PROGRESSIVE		
				CARE OPER #1 THIS DATE		
				APPROVED FOR RETURN		
				TO SERVICE	R.S. [Signature]	
					A+P 2014698	

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	10THS			
19							
					9-12-75		
					PERFORMED CESSNA PROGRESSIVE INSPECTION	TACH 1030.6	
					#2. REPLACED ALT. BELT AND TOP DIH #3 CYL		
					REPLACED VALVES, RINGS AND PISTON PIN, GRIND		
					VALVE SEATS AND DEGLAZED CYL.		
					APPROVED FOR RETURN TO SERVICE	R.J. [Signature]	
						P/P 2014698	
					10-18-75		
					PERFORMED CESSNA PROGRESSIVE INSPECTION	TACH 1099.0	
					#3		
					APPROVED FOR RETURN TO SERVICE	R.J. [Signature]	
						P/P 2014698	

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ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				11-12-75		
				TACH 1151.6		
				PERFORMED CESSNA PROGRESSIVE INSPECTION		
				#4 REPLACED ALL SPARK PLUGS		
				APPROVED FOR RETURN	R.J. [Signature]	
				TO SERVICE	PIP 2014698	
				12-5-75		
				PERFORMED CESSNA PROGRESSIVE CARE		
				INSPECTION #1		
				APPROVED FOR RETURN TO	R.J. [Signature]	
				SERVICE	PIP 2014698	

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ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
12-29-75					TACH 1236.4	
				I CERTIFY THIS ENG HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION CHANGED OIL AND FILTER 12 qts ASW 512		
					R.S. [Signature] A-P 0014698	

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	10THS			
19					3-3-76 TACH 1335.6 I CERTIFY THIS ENG. HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. REPLACED LT. MAGNETO THIS DATE		
					APPROVED FOR RETURN TO SERVICE	<i>R.D. Grant</i> A+P 2014698	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8-8-77						
				TACH 1569.2		
				I CERTIFY THIS ENGE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR IN SPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION APPROVED FOR RETURN TO SERVICE		
				R.J. Grist AIP 2014698		
10-8-79				Engine oil change compressor test #178 #21 #375 #473 #576 #675		
				gas filter check oil filter change 12 qt. 50.		
TACH 16-65-5				cleaned plug, stoped two fuel lines - stoped 1 exhaust leak.		
				See 100 hr check, serial #7 from ROP 580321019		

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ENGINE LOG

DATE 19 <u>82</u>	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER																											
		HOURS	10THS																														
<u>25 APR</u>		<u>17</u>	<u>5</u>	<u>Changed engine oil, etc. Shell Multi 80 SHELL 40</u>																													
<p><u>Inspection Completed plugs cleaned & topped oil Changed Filters changed valves Checked timing set. Compression Checked Exhausts Checked no AD's apply 79-25-07 PCW. (14 QTS PHILLIPS 66 X/C SAE 20W-50 oil)</u></p>																																	
<p>AIRCRAFT MAINTENANCE, INC. 200 Airport Road CLARKSVILLE, TENNESSEE 37040 (615) 431-3470</p>				<p>DATE <u>APRIL 1 1982</u></p>																													
<p>COMPRESSION CHECK</p> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td> </tr> <tr> <td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td> </tr> <tr> <td>70</td><td>60</td><td>76</td><td>70</td><td>75</td><td>70</td><td></td><td></td><td></td> </tr> </table>				1	2	3	4	5	6	7	8	9	80	80	80	80	80	80	80	80	80	70	60	76	70	75	70				<p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.</p>		
1	2	3	4	5	6	7	8	9																									
80	80	80	80	80	80	80	80	80																									
70	60	76	70	75	70																												
				<p>TACH <u>1167</u> TOTAL TIME <u>1167</u></p>																													
				<p><u>William E. Brown</u> ATP 1503833</p>																													

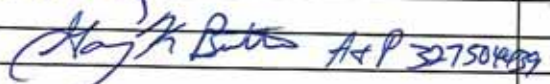
CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
9-23-82		1797	6	OVERTHAULED PROPELLER INC # 746 REPAIR STATION # 713-21 McCauley Model 2A34C203 BEOE SN K27535 + K56449 HUB SN 713104 AIRCRAFT SPECIALISTS INC 619 HETT LANE LOUISVILLE, Ky 40222	ERIC N. Taylor	

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 83						
		MAY 14 1983		TACH 1814.8		
		I certify that this engine has been inspected in accordance with 100 hr inspection and found to be airworthy.				
		 Ray A. Butts AIP 327504409				
		Compression Check #1 - $\frac{80}{76}$ #2 - $\frac{80}{65}$ #3 - $\frac{80}{79}$ #4 - $\frac{80}{74}$ #5 - $\frac{80}{77}$ #6 - $\frac{80}{77}$				
		MAY 14, 1983		Tach Time 1814.8		
		I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. William E. Johnson 2A 2144395				

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ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				JULY 11 1983 TACH 1821.2		
				Replaced Alternator for Serial No 16649 and noise filters part nos. A-371 and A-1030.		
				<i>Mag. H. B. B.</i> A/P 32750489		
July 29, 1983				Tach 1834.4		
				Installed alternator per no 16651. Serviceable tag attached to page		
				<i>Mag. H. B. B.</i> A/P 1815287		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 84				TJLN 1900.3 TSMOH "0"		
8 Dec	1984	1900	3	Engine "O" hrs since Chroma Major Overhaul.		
<p>Due To O compression on Cylinder #2 and excessive metal in oil filter, engine was removed and overhauled as per Continental Overhaul manual X30022A. Engine was disassembled, cylinders were chamfered and overhauled by Engine Components, San Antonio, Tx. Crankshaft, camshaft, connecting rods, counterweights, and rocker arms reworked and yellow tagged by Aircraft Engine and Accessory of Dallas, Tx. New pistons, piston pins, rings, valves, springs, con followers, gaskets, main and rod bearings, counterweight parts, rod bolts and nuts were ordered from Superior Parts of Addison, Texas. Magnetflux of all ferrous parts by Kal-Aero of Kalamazoo, Michigan. Crankcase 2 ygs inspected by Mental Aviation. Carburetor was rebuilt with overhaul kit and metal float installed. Magneto's were rebuilt and a new harness and spark plugs installed. Prop Governor Overhauled by Southwest Aero Tukwila, Washington. New Carb Heat Box installed. Engine mount was removed, stripped and repainted. New bolts were used to attach mount to Airframe. New lead Magneto installed. Throttle cable replaced. New oil and Air Filter with Auto Fuel STC installed on Airframe and Engine (See 327 Dated Sept 27 1984) Engine was Reassembled to New Limits in Overhaul Manual. Added 12 Qts of Avashell 80 Red Can Oil. Engine run Run-In and Test Flown and found to be in Airworthy condition. Yellow Tags, Parts list, Engine Clearance and Invoices are located in a separate folder. Engine Overhaul Records. END Richard A. Mental</p>						
						I.A 83560318

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				Powerplant AD'S TO 84-23		
				ENGINE		
Curtis	73-13-04			Carburetor Drain Plug N/A/SAC of Engine	Richard L. Montel	83560318
"	79-05-09			Oil Pressure Relief Valve N/A is Original Type	Richard L. Montel	83560318
				PROP		
McCawley	82-27-02			Blade Inspection N/A Blade SW's	Richard L. Montel	83560318
				Accessories		
Airborne	79-13-08			212 CW Vacuum Pump		
Brackett	81-15-03			Retainer Screen		
Maxwell	72-06-05			Carb was Rebuilt at Engine Overhaul Throttle Arm ^{NEW} Type	Richard L. Montel	83560318
Slick	74-18-05			Impeller Coupling Replaced at Tach 1569 ^{See} Airframe Logbook	Richard L. Montel	R.L.M.
				NO OTHER ADS APPLY	Richard L. Montel	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER																		
		HOURS	10THS																					
19 95																								
17 July	194	10.5		Total time airframe & engine. tach. time 00.00 Replaced exhaust pipe to # 4 cyl. Changed both oil filters - Replaced carb head base - Installed Phillips aircraft engine heater. P/N 790-0023 275 watts 120 volt no weight & balance change - Replaced tach: 00.00 hrs - Thomas W. Marsh AP 479 36 749 Z																				
Dec 1 1995				changed oil using 12gts Phillips k-c changed both oil filters changed air filter BA 8103 Date Dec 95 Total Aircraft Time CA.D. 84-26-02 damhapply																				
<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>19</td><td>74</td><td>75</td><td>75</td><td>74</td><td>50</td> </tr> <tr> <td>90</td><td>80</td><td>80</td><td>80</td><td>80</td><td>90</td> </tr> </table>				1	2	3	4	5	6	19	74	75	75	74	50	90	80	80	80	80	90	I certify this ... has been inspected in accordance with a 100 inspection and was determined to be in airworthy condition. Signature <u>Thomas W. Marsh</u> A&P No. <u>47936749Z</u>		
1	2	3	4	5	6																			
19	74	75	75	74	50																			
90	80	80	80	80	90																			

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																					
Dec 7 88				at 1986-7 TTHO.3 GAOH all Serv. Checked & operation Found OK																				
				I CERTIFY THAT THIS <u>Eng</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>annual</u> INSPECTION AND WAS DETERMINED TO BE IN A SOUND & HEALTHY CONDITION. <u>J. M. Mulholland</u> A & P 271129 AND INSPECTION AUTHORIZATION																				
Oct 23 1986	00958 TAC	2042.25		ENGINE - Drained oil, cleaned screens, checked & cleaned spark plugs, checked compression, checked fuel system, drained sumps, checked starter and generator brushes, checked maps and timed properly, checked prop for leaks and grease. Functionally checked engine.																				
				CYLINDER NO.																				
				<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>76</td><td>80</td><td>80</td><td>78</td><td>78</td><td>80</td> </tr> <tr> <td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td> </tr> </table>	1	2	3	4	5	6	76	80	80	78	78	80	80	80	80	80	80	80		
1	2	3	4	5	6																			
76	80	80	78	78	80																			
80	80	80	80	80	80																			
				COMPRESSION CHECK																				
				Date <u>Oct 23 1986</u> Total Aircraft Time <u>2042.25</u> I certify that <u>ENG.</u> has been inspected in accordance with a <u>100 Hrs</u>																				

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condition. Signature Man W Pollock A&P No. 382 523418

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER																													
		HOURS	10THS																																
1986 10/25/86	01:25	95.9		In Jack 2042. TOTAL 95.8 hours S.M.O all A.D. Notes Checked & Found Complied With, all operation OK I CERTIFY THAT THIS Eng HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>W. M. Johnson</u> A & P 271129 AND INSPECTION AUTHORIZATION																															
1987 0-29-87	1755 TAC	T.T. 2132.0		ENGINE - Drained oil, cleaned screens, checked & cleaned spark plugs, checked compression, checked fuel system, drained sumps, checked starter and generator brushes, checked tags and timed properly, checked prop for leaks and grease. Functionality checked engine.																															
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="6">CYLINDER NO</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>78</td> <td>70</td> <td>75</td> <td>75</td> <td>72</td> <td>80</td> </tr> <tr> <td>80</td> <td>90</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> <tr> <td colspan="6">COMPRESSION CHECK</td> </tr> </tbody> </table>				CYLINDER NO						1	2	3	4	5	6	78	70	75	75	72	80	80	90	80	80	80	80	COMPRESSION CHECK						Date <u>05-29-87</u> Total Aircraft Time <u>2132.0</u> I certify this <u>ENG</u> has been inspected in accordance with a <u>100HR</u> inspection and was determined to be in airworthy condition Signature <u>W. M. Johnson</u> A&P No. <u>382523418</u> EN CABE END OF THROTTLE LINKAGE INSTALLED DRIVEN STEEL BOLT CASTELLATED NUT AND CONE PIN	
CYLINDER NO																																			
1	2	3	4	5	6																														
78	70	75	75	72	80																														
80	90	80	80	80	80																														
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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	10THS			
19 <u>87</u>						
CONTINUED				I.A.W. BESSNA LETTER SE 79-6 ALL AD'S CHECKED & FOUND C.W.	<i>Man W Poland</i>	A&P 382-52-3418
10-24-87	175.5 TAC	T.T. 2132.0		CHANGED BOTH OIL FILTERS 1. OF 51A 2. AEROFRANTZ 5562 CHANGED OIL WITH 14 QTS AERO SHELL 15W50 <i>Man W Poland</i>		
DEC 7/30/87				<p>I CERTIFY THAT THIS <u>Eng</u> HAS BEEN <u>at 2130.0 Tak</u> INSPECTED IN ACCORDANCE WITH A <u>Annual</u> <u>231.7 SMPH</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>H.M. Sullivan</i> A & P 271129 AND INSPECTION AUTHORIZATION</p>		
12-7-87	205.1 TAC	T.T. 2161.6		CHANGED BOTH OIL FILTERS 1. OF 51A 2. AEROFRANTZ 5562 CHANGED OIL WITH 14 QTS AERO SHELL 15W50 <i>James H. Hinkle</i>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 1980	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
2-5-88	TACH 231.3 REPAIRED	REMOVED		CARB. FOR REPAIR BY AIRCRAFT FUEL INJECTION. SEE YELLOW TAG. INSTALLED CABB. RAN UP TO CHECK FOR OPERATION. <i>William F. Brockhoff</i>	AEP 348400585	
7-7-88	TACH 245.8 W100.	DRAINED OIL		-INSTALLED CH48110 FILTER. FRANZ FILTER NOT CHANGED. ADDED 12 QTS AEROSHELL <i>William F. Brockhoff</i>	AEP 348400585	
	315.4 Tach			2271.9 TT 371.6 SMOH		
11-5-88	CAAP heat cleaned plugs Exh valve in each gaskets and exh hardware	replaced		oil filter CH 48110, Replaced FRantz Filter element #5562, Replaced heat Shat duct, Replaced Brackett and Air Filter, Retimed magnetos Removed #2 & 4 cylinders - replaced exh valve guide and exh valve in each, honed exh & intake seats and reassembled w/new Comp After reassembly 1-66, 2-74, 3-78		
	4-76, 5-77, 6-76.			Serviced with 12 qts Aeroshell 50W Mineral Oil		
	100 hr			I certify this engine inspected. JAW		
				<i>J L Creek</i>	AP 457-684354	

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 89						
11/10	Tach	354		Change d oil Phillips XC 20W50 oil Filter and frantz filter carb air filter. I certify this engine was inspected in accordance with an ANNUAL inspection and determined to be airworthy. Les Willingham Compressions 70-74-76-75-80-76 (mpm) AHP 1148262 TRA		
12-08-89	TACH	360.6		REVIEWED alternator, replaced worn brushes with new, reassembled alt and reinstalled on eng. TESTED engine with no defects noted this date. NPO Deal TOTAL TIME 2307.171		CDL 713-4
~~~~~ 1990 ~~~~~						
01/27/90	TACH	383.4		CHANGED OIL AND FILTER. FRANTZ FILTER WAS NOT CHANGED. ADDED 12 QTS PHILLIPS X-C 20W50 OIL AND CHAMPION CH4810 FILTER	J. D. Silliv	OWNER
	TOTAL TIME	2329.9				

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

**ENGINE LOG**

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENS NUMBE
			HOURS	10THS			
19 40							
01/29	MECH TIME		383	.7	REMOVED CARBURETOR AND SHIPPED TO EL RENO AVIATION DUE TO RUNNING LEAN AT MIDRANGE POWER SETTINGS. EL RENO DISASSEMBLED AND CHECKED FOR WEAR AND LEAKS OF THROTTLE SHAFT. REASSEMBLED WITH FACET FLOAT BOWL AND SHIPPED TO FACET AEROSPACE FOR FLOW CHECK. FACET AEROSPACE INSTALLED FUEL METERING PIN KIT FOR O-470-R.5 ENGINES AND FLOW CHECKED TO SPECIFICATIONS. CARBURETOR IS NOW STAMPED AS 10-4893-1 MF. RE-INSTALLED CARBURETOR AND VERIFIED OPERATION. T.J. Hank AP202167		
	TOTAL TIME		2330	.2			

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 90							
06/11/90	TACH		413.	0	CHANGED OIL AND FILTER INCLUDING FRANTZ. ADDED 10 QUARTS PHILLIPS X-C 20W-50 OIL AND CHAMPION CH48110 FILTER	J. D. Miller	OWNER
	TOTAL TIME		2359.	5			
08/30/90	TACH		453.	0	OIL CHANGE; NEW CHAMPION CH48110 SPIN-ON FILTER, NEW FRANTZ 5562 FILTER ELEMENT. 10 QUARTS PHILLIPS XC 20W 50 OIL	M. J. Matlock	CO-OWNER
	SMOH		499.	2			
	TTSN		2399.	5			

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

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DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER																																				
		HOURS	IOths																																							
19 90																																										
13-6-90				<div style="text-align: center;"> <b>ED-AIR, INC.</b>  <small>1000 N. Sullivan, Ind. 47401-2112 318-6228</small>  <small>Motor and Motor Service and Adjustment</small>  <small>1000 N. Sullivan, Ind. 47401-2112 318-6228</small>  <small>T. T. 2429.0 Tack Time 442.4 Hops 76.9</small>  <small>2000 328.5 EPNOC 431.4</small> </div> <table border="1" style="width: 100%; font-size: small;"> <tr> <td colspan="2">INTERNAL USE</td> <td colspan="2">DATE 13-6-90</td> </tr> <tr> <td>13 In. MFL-B-6000-4 Hose</td> <td>200</td> <td>13 In. MFL-B-6000-4 Hose</td> <td>200</td> </tr> <tr> <td>13 In. Fuel Injector Kit</td> <td>200</td> <td>13 In. Fuel Injector Kit</td> <td>200</td> </tr> <tr> <td>206-103 Brake Linings</td> <td>200</td> <td>206-103 Brake Linings</td> <td>200</td> </tr> <tr> <td>10-32 SS screws</td> <td>200</td> <td>10-32 SS screws</td> <td>200</td> </tr> <tr> <td>127cc. Piston 20-30 oil</td> <td>200</td> <td>127cc. Piston 20-30 oil</td> <td>200</td> </tr> <tr> <td>12810 oil filter</td> <td>200</td> <td>12810 oil filter</td> <td>200</td> </tr> <tr> <td>12562 Astrofrance filter</td> <td>200</td> <td>12562 Astrofrance filter</td> <td>200</td> </tr> <tr> <td>1 Astal A32 Battery</td> <td>200</td> <td>1 Astal A32 Battery</td> <td>200</td> </tr> </table> <p><b>Roller Machine</b>              8400 Susan Court, Newburgh, In 47630              7827              Telephone - 1820-2622              Registration No. N-32590              License No. 0-470-B-258-451994</p> <p>1. Annual inspection completed. See date. Change engine oil and filters. Clean all plugs and test. 2. 12/80 - Compression test 1.78/80 2.79/80 3. 7/80 4. 7/80 5. 7/80 6. 7/80. Removed muffler and check for cracks OK. Clean air filter. Inspect all cables and lube. Service all brakes and replace all wheel bearings. Service right brake pads. Inspect and replace battery. All other work done according to 45-13-1. Annual inspection and Cosmo Service Center. 2. Replace oil line to front filter. Replace left wing. Only 1200. Removed and installed left elevator base box. 4 Hr. @ 27.50</p>	INTERNAL USE		DATE 13-6-90		13 In. MFL-B-6000-4 Hose	200	13 In. MFL-B-6000-4 Hose	200	13 In. Fuel Injector Kit	200	13 In. Fuel Injector Kit	200	206-103 Brake Linings	200	206-103 Brake Linings	200	10-32 SS screws	200	10-32 SS screws	200	127cc. Piston 20-30 oil	200	127cc. Piston 20-30 oil	200	12810 oil filter	200	12810 oil filter	200	12562 Astrofrance filter	200	12562 Astrofrance filter	200	1 Astal A32 Battery	200	1 Astal A32 Battery	200		
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## ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				12-06-90		
				I certify that this <u>Engine</u> has been inspected		
				in accordance with <u>Visual</u> inspection and		
				has been found airworthy,		
				Edward L. Huddleston		
				<i>B/D Sunny in Reno &amp; Wash.</i> <u>E. Huddleston</u> B-101781621		

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## ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 <u>91</u>						
13 July	TACH	523	2	OIL CHANGE NEW FRANTZ 5562 ELEMENT	<i>M. Malin</i> CO OWNER	
	SMAH	569	4	NEW CHAMPION CH48112 FILTER		
	TTSN	2469	7	12 QTS PHILLIPS XC 20W 50 OIL		
15 SEP	TACH	559	1	OIL CHANGE NEW FRANTZ 5562 ELEMENT	<i>J. D. Edlin</i> CO OWNER	
	SMDH	605	3	NEW CHAMPION CH48110 FILTER		
	TTSN	2505	6	12 QTS PHILLIPS XC 20W 50 OIL		

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MEMORANDA

Date	
	FRANTZ FILTER CORP, STOCKTON, CA PH 1-209-466-0101
	MODEL CA PART NO 5562 ELEMENT
	DISPOSABLE FILTER: CHAMPION RUN SPIN-ON OIL FILTER #CH48110