

ENGINE LOG

~~BEECH AIRCRAFT CORPORATION~~
SERIAL NUMBER TAG

This card is not to be removed until the ship is delivered to customer. All items removed from ship must be deleted and additions must be listed in the replacement column.

MAKE ALL ENTRIES IN INK

AIRPLANE SERIAL NO. AD 400

ENGINE AND PROPELLER ITEMS

D-3823 10-1-82

	SERIAL #	REPLACEMENT SERIAL #	REPLACEMENT SERIAL #
MAGNETO L	NA		
MAGNETO R	NA		
STARTER	4862		
GENERATOR	3601		
FUEL PUMP	NA		
VACUUM PUMP	14533		
GOVERNOR	162		
ENGINE	104501	83106-1-K	
#1 BLADE	1F169	K8353345	
#2 BLADE	1F170	K8360045	
HUB	5N35	7710937	
TACTAIR			
AUTO PILOT			

#222

CD-400?

CONTINENTAL

SEE ADD-A LOG

THIS ENGINE NOW
IN NS481
STARTING AT
BLUE TAB -

M. J. GRAINGER
ATE 1278275

ENGINE DESCRIPTION

Mfgr.	CONTINENTAL	Place	MUSKEGON	Mich.	Date
Type	Model	IO-470-K	Serial No.	86103-1-K	
Rated H. P.	Maximum H. P.		Weight (Dry)		
Rated R. P. M.	Maximum R. P. M.		Oil Pressure		
Bore	Stroke		Displacement	Cu. In.	
Compression Ratio	Supercharger Ratio		Gear Ratio		
Propeller	FLOTTORF	Hub Design	F12	Hub Serial No.	SN 35
Blade Design	8400-0	Blade Serial No.	1F169	Blade Serial No.	1F170
Maximum Hub H. P.		Maximum Blade H. P.			
Pitch		Diameter		Length	
Owners Name					
Address		City		State	

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
2-2-62	TACK		Time 101		Engines				WESTERN PLANE SALES, INC.		
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100hrs INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. DATE 2-2-62										Beechcraft Dealer w/o 5-942 Municipal Airport GARDEN CITY, KANSAS	
Changed oil - cleaned screen - check timing - Serviced Batteries + Brakes - Cleaned Fuel Screens - Checked Prop for oil leaks -										Leon E. Carnes AT P 1475250	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
12/10/62											
<p><i>70ch June 4960</i></p> <p><i>I certify that this engine has been inspected in accordance with a 100 hr inspection & was determined to be in airworthy condition.</i></p> <p style="text-align: right;"><i>Herbert O Bolan</i></p> <p style="text-align: right;"><i>A & P 1332030</i></p>											
4/1/63											
<p><i>ACK TIME 596</i></p> <p><i>ENGINE</i></p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100 hr. INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. DATE <i>4-1-63</i></p> <div style="float: right; text-align: center;"> <p>WESTERN PLANE SALES, INC. Beechcraft Dealer 4231-50th Municipal Airport GARDEN CITY, KANSAS</p> </div>											
BROUGHT FORWARD										<i>Leo E. Barnes</i>	
TOTALS										<i>ASP 1475250</i>	

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
4-23-63											
<p><i>704</i></p> <p><i>Changed oil checked screen checked compression. Starter cond. Sen. brushes checked. Heat muff checked. checked mag points and timing. Engine ground checked etc.</i></p> <p style="text-align: center;"><i>Eng</i></p> <p>"I certify that this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition." Date <i>4-23-63</i> Sign <i>Herbert O Bolan</i> Number <i>CRS4308</i></p> <div style="float: right; text-align: center;"> <p>WICHITA MUNICIPAL AIRPORT WICHITA, KANSAS</p> </div>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1-5 64	Tach		1123 hrs.						Changed oil, cleaned carb air filter, Installed Superior Flow oil filter Herbert D. Bolan ATP 1332030		
3-26-64	TACH		1179.8				1179.8		changed oil, changed oil RIP/ACID EXHAUST CASHT FILTER, cleaned AIR FILTER, on cyls # 2, 4 & 6. WASHED ENGINE, Run up & checked (ACRO-shell "W") John W. Gorney. ATP 661772 3-26-64.		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
4-23 64	TACH		1212						United Airplane Sales of Oklahoma Wiley Post Airport W 5594 Hangar 4 Bethany, Oklahoma Certified Repair Station 2147. Herbert D. Bolan ATP 1332030		
5-9-64	TACH		1230						CHANGED OIL - REPLACED OIL FILTER, CHECKED BATTERY, HYD. FLUID, LIGHTS, INSTALLED SUPERIOR AIR FILTER - John W. Gorney. ATP 661772 5-9-64		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
6-25-64									Changed Oil - New Filter Element Drained Sump checked air cleaner 1 qt fluid to Battery Water 1 qt Mucil-Lover & 9 qt Shell 50 George W. Conner AIP 1156123		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
7-20-64									1317 hrs periodic inspection complete. oil changed, filter changed compression checked. Check Mag points & timing new point & condense R. mag install new plugs start & gear brushes checked Check heat muff check Eng controls Rectifiable R P A		
"I certify that this aircraft has been inspected in accordance with a <u>periodic</u> inspection and was determined to be in airworthy condition." Date <u>7-20-64</u> Signed <u>Elmer Huff</u> Number <u>CRS 4308</u> UNITED AIRPLANE SALES, INC., MUNICIPAL AIRPORT WICHITA, KANSAS											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
9-8-64									changed oil cleaned air screen replaced filter element washed & run installed new voltage regulator & fittings J.W. Bardin #11428813		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
10-24-64									changed oil, cleaned & filter, run compression check, checked mag points & timing, cleaned & checked spark plugs, installed new exhaust gaskets on #2-#4-#6 cyls, complied with 3/8" heater muffler, installed new muffler on #4 stacks, rebushed fuel injection box & provided routine maintenance.		
BROUGHT FORWARD											
TOTALS											

"I certify that this ~~aircraft~~ has been inspected in accordance with ~~aircraft~~ inspection and was determined to be in airworthy condition." Date 10-24-64
Signed Donald B. Wilton Number CR54305
UNITED AIRPLANE SALES, INC., MUNICIPAL AIRPORT
WICHITA, KANSAS

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
									Comp 181% 2,87 3,88 4,86		
									5,82 6,86		
									oil 1400 50		
									ENGINE - Drained oil, cleaned screens, checked & cleaned spark plugs, checked compression, checked fuel system, drained sumps, checked starter and generator brushes, checked mags and timed properly, checked prop for leaks and grease. Functionally checked engine.		
									Date <u>8-24-68</u> Tach <u>2112</u> Total <u>2112</u>		
									I certify that this <u>Eng</u> has been		
									inspected in accordance with a <u>100</u>		
									inspection and was determined to be in airworthy condition.		
									<i>John Howell</i>		
									9-26-68 Replaced exhaust fuellets on Right Side		
									<i>John Howell</i> 1415584		
									BROUGHT FORWARD		
									TOTALS		

ENGINE LOG

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
									I certify that I have inspected this <u>Engine</u> in accordance with <u>100%</u> inspection and have determined it to be in an airworthy condition as of this date with no warranty or guarantee expressed or implied		
									1. changed oil Add 10 qt #48A		
									Tach time <u>2229.36</u>		
									Total time <u>22 MAR 1969</u>		
									ADs checked through <u>69-5</u> See back of book for list		
									② cleaned & gaped ALL SPKs		
									③ OK MAG TIMING		
									④ wash down engine - Run up OK for oil leaks and Recheck for light		
									<i>William R. [unclear]</i>		
									1485495IA		
									BROUGHT FORWARD		
									TOTALS		

ENGINE LOG

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
June 20 1969									Tach time 2332.97 hours Changed oil Phillips 50 ND Type M. 10 qts. Removed # 5 & # 6 cyls. Lapped valves, reglased cyls & reinstalled with all new gaskets & seals. Inspected & studied replacing fasteners & brushes turned commutator. Installed new R. H. Exhaust duct. I certify that this engine has been insp. in accordance with an annual insp. & was determined to be in airworthy condition.	Edward M. Beck 3rd	
										AIP 1264807	
										Auth Insp.	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
									6-30-69 TACH. 417.2 Hrs.		
									Replaced 54 Rod Tube seals on #6 cyls. TIGHTENED primer lines.		
									Run up & check		
									Troy E. Detamore		
									AIP 1414771		
BROUGHT FORWARD											
TOTALS											

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
Aug 5, 1969									Tach reads 2364. Installed new Bendix harness #10-320330-2 and 12 new R.H. 40 E plugs. Checked Comp. Installed double exhaust gaskets left stack. Repaired injector leak #6 cyl. Replaced heat shield left exhaust. Checked heat exchanger. Cleaned injector screen. (Fuel distributor valve.)		
<p>I certify that this aircraft has been inspected in accordance with an <u>100hr</u> inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;">R. L. Landman ATP 1329591</p>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
7-2-70									Tach reads 2426. Changed oil Aero shell. Clean & zap plugs. Install new fuel pump. Clean screens, sook injector nozzles.		
<p>I certify that this aircraft has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;">R. L. Landman 1-A1329591</p>											
7-18-70									Continental A.D. 70-14-7 concerning fuel injection pump does not apply to this pump.		
<p style="text-align: right;">R. L. Landman ATP 1329591</p>											
BROUGHT FORWARD											
TOTALS											

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
8-1-71									Tach reads 2473. Changed oil Aero shell clean oil screen. Check Compression - clean + gap plugs Check mag & timing. Repair exhaust clamps & bolt. Replace air filter. Check prop governor. Install new Throttle Control Assy see Work order maintenance release log # B02306 dated 4-27-71 Part # 628428 A1 see M 3053		
<p>I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p style="text-align: center;">Annual R. J. Sandeman 1-A1329591</p>											
BROUGHT FORWARD											
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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
9-1-72									Tach reads 2521. Change oil, clean oil screen. Aero shell oil. Check compression clean + gap plugs. Inspect exhaust and heater exchanger. Check mag & timing. Clean injection screen.		
<p>I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p style="text-align: center;">Annual R. J. Sandeman 1-A1329591</p>											
BROUGHT FORWARD											
TOTALS											

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
10-1-73									tach reads 2567 Clean & gap plugs Check compression Check maps & timing Service Battery made repairs on engine wiring. Inspected propeller.		
<p style="font-size: small;">I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p>											
										R. L. Laudeman 1-A 1329591	
BROUGHT FORWARD											
TOTALS											

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
10-19-74									tach reads 2649. Change oil - clean service check compression, clean & gap plugs, Check exhaust system. AD 74-18-05 inspected and found O.K. new impulse couplings are ordered but not available.		
<p style="font-size: small;">I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p>											
										R. L. Laudeman 1-A 1329591	
12-30-74									AD 74-18-05 completed with # 662, Impulse # 2369 couplings installed, new capacitors, new point kit and distributor gear installed in Pti. Maguero John F. Miller A&P # 1988969		
BROUGHT FORWARD											
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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
11-6-75							2	77.5	change oil - clean oil screen clean oil screen clean & gap plugs check compression check mag timing inspect exhaust system		
I certify that this aircraft has been inspected in accordance with an inspection and was determined to be in an airworthy condition.											
John F. Miller ATP 1988969											
I certify that this aircraft has been inspected in accordance with an <u>annual</u> inspection and was determined to be in an airworthy condition.											
Alex J. Anderson A 1329591											
BROUGHT FORWARD											
TOTALS											

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DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
							2	9.76	Tach 2877.6 oil changed (Perdell 50W) new spark plug #5 cyl washed engine Dodge 15577.00		
11-6-76					2	9.05	TOTAL SAME		SMOH 1141		
					5	76/80	6	72/80	installed new slick ignition harness, cleaned and gapped plugs checked oil screen, repaired cracked left rear cooling baffle, dressed and painted prop		
I certify that this aircraft / engine has been inspected in accordance with <u>100 hr</u> inspection and was determined to be in airworthy condition.											
Alex J. Watson ATP 15577.00 IA											
BROUGHT FORWARD											
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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
12-10-76					TACH		2909		Changed oil to AeroShell 40	<i>[Signature]</i>	
2-12-77					Removed #2 AND #6 cyl due to low compression cleaned, honed, ground valves installed new rings, replaced cyl's					<i>[Signature]</i>	2939
4-9-77					TACH		29517		changed oil Aero-shell Walbro A+P 1558250	<i>[Signature]</i>	
7-17-77					TACH		2967		changed oil Aero-shell 50 Walbro A+P 1558250	<i>[Signature]</i>	
11-6-77					TACH		2976		Removed engine for overhaul Walbro A+P 1558250	<i>[Signature]</i>	
BROUGHT FORWARD											
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Continental IO-470-K. S/N 86103-1-K. DATE? 1-27-78 Engine total time <u>2976.0</u> . Time since major overhaul 00.0. Present tach. <u>00.0</u> . Engine received major overhaul in accordance with manufacturer's overhaul manual X-30022A. Following parts installed during overhaul: All crankshaft bearings, all counterweight pins, plates, and retaining rings, all connecting rod bearings, bushings, bolts, and nuts, all gear attach bolts, all hydraulic valve lifter units, all pistons, piston rings, and piston pins, all exhaust valves, guides, springs, and keys, all intake valves, guides, seals, springs, and keys, all rocker arm bushings and shafts, all exhaust valve seat inserts, all intake valve seat inserts, oil relief valve spring and plunger, starter worm wheel gear, oil pump drive gear, oil pump driven gear, all applicable seals, hoses, gaskets, and safeties. Installed overhauled camshaft per attached maintenance release. Fuel pump, throttle control assembly, and manifold valve overhauled per attached maintenance releases. All cylinder bores chromed per attached partial maintenance releases. Right and left magnetos, starter, and generator overhauled using new parts as required. <i>Richard E. DeMarr, A+P # 1457846.</i>											
BROUGHT											
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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1-27-78			TACH	0000	SMDH	0000			Re installed Engine AFTER MAJOR OVERHAUL BY FIREWALL Fwd.		
									Total Time 2976		
<p style="color: red; font-weight: bold;">I certify that this aircraft / engine has been inspected in accordance with <u>100hr</u> inspection and was determined to be in airworthy condition.</p> <p style="color: red; font-weight: bold;">ALEX B. WATSON A&P 1558250</p>											
2-5-78			TACH	5.0	Changed oil	Texaco 40 WT NON-detergent			Adrian A+P 1558250		
3-27-78			TACH	26.0	Changed oil	Texaco 80 WT NON-dot			cleaned strainer, cleaned fuel inj noz.		
5-4-78			TACH	61.8	changed oil	Texaco 50 WT					
6-28-78			TACH	92.2	changed oil	Aero-shell 50 WT					
					Cleaned screen						
BROUGHT FORWARD											
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7-18-78			TACH	99.3	SMDH	99.3			TOTAL 3075.7		
					COMPRESSION	1 76/80	2 73/80	3 75/80			
					4 76/80	5 74/80	6 75/80		cleaned spark plugs, checked screens, replaced all exhaust gaskets, installed new rod end on mixture control cable		
<p style="color: red; font-weight: bold;">I certify that this aircraft / engine has been inspected in accordance with <u>100hr</u> inspection and was determined to be in airworthy condition.</p> <p style="color: red; font-weight: bold;">ALEX B. WATSON A&P 1558250</p>											
10-19-78			TACH	136.74	installed new	starter			WARD Aero ser# 8011535	Adrian	
									A+P 1558250		
BROUGHT FORWARD											
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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
10-23-78									Changed oil, checked screen 40WT Aeroshell TACH 137.95	<i>[Signature]</i>	A&P 1558250
2-1-79									TACH 171.66 TOTAL 3147.66 SMOH 171.66 changed oil 40WT Aeroshell, checked compression		
	1 74/80		2 72/80		3 74/80		4 76/80		5 76/80 6 74/80		
<p style="color: red; font-weight: bold;">I certify that this aircraft / engine has been inspected in accordance with <u>100 hr</u> inspection and was determined to be in airworthy condition.</p> <p style="color: red; font-weight: bold;">ALEX B. WATSON A&P 1558250</p>											
5-17-79									TACH 200.34 changed oil Phillips XC 20W50 checked and cleaned screen	<i>[Signature]</i>	A&P 1558250
BROUGHT FORWARD											
TOTALS											

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
5-30-79									Replaced Air cleaner element	<i>[Signature]</i>	A&P 1558250
9-20-79									TACH 248.11 change oil Phillips XC cleaned screen, cleaned injector nozzles		
2-10-80									TACH 292.77 SMOH 292.77 TOTAL 3268.77		
	AD 80-03		SM		N/A		PER SER #		Comp 1 71/80 2 74/80 3 74/80 4 74/80 5 73/80 6 71/80		
<p style="color: red; font-weight: bold;">I certify that this aircraft / engine has been inspected in accordance with <u>100 hr</u> inspection and was determined to be in airworthy condition.</p> <p style="color: red; font-weight: bold;">ALEX B. WATSON A&P 1558250</p>											
5-26-80									TACH 323.68 compression 1 74/80 2 76/80 3 75/80 4 78/80 5 72/80 6 72/80 changed oil	<i>[Signature]</i>	
cleaned plugs											
BROUGHT FORWARD											
TOTALS											

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
2-1-82	<p style="color: red; text-align: center;">I certify that this aircraft / engine has been inspected in accordance with <u>100 hr</u> inspection and was determined to be in airworthy conditions.</p> <p style="color: red; text-align: center;">ALEX B. WATSON A&P 1558250</p> <p style="text-align: center;"><i>Alex Watson</i></p>										
5-13-82	TACH		512.37		compression checked #1		78/80		<p>#2 76/80 #3 77/80 #4 76/80 #5 78/80 #6 73/80 Removed</p> <p>engine from Beech 35B33 S/N CD400 This date</p> <p style="text-align: right;"><i>Alex Watson</i> A+P 1558250</p>		
10-1-82	Tach		134		TS MOH- 512.37,		Installed on Beech E35, N 7360B per STC SA1-569		<p>Ground Run OK. Sec 337 1/2 Wt. + Bal this Date.</p> <p style="text-align: right;"><i>Robert J. ...</i> AIP 467341050</p>		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
<p style="color: blue;">03 OCT. 1982 DATE.....N.....7360B TACH TIME...4.35.0HRS. TS MOH...514...0HRS TOTAL TIME 3490.0HRS</p> <p style="color: blue;">certify that this AIRCRAFT POWERPLANT RECIP.-OPPOSED was inspected in accordance with a ANNUAL TYPE of INSPECTION and it was Determined to be in AIRWORTHY CONDITION at this time and date. 03 OCT. 1982</p> <p style="text-align: center; color: blue; font-size: 1.2em;"><i>Charles L. Roy Downing</i></p> <p style="text-align: center; color: blue;">CHARLES L. "ROY" DOWNING A&P-IA 1882364</p>											
← + G = →											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
<p>01 APR. 1984 DATE.....N-7360B.....TACH TIME.....941.....0HRS. TS MOH 520.....0HRS TOTAL TIME 349.60HRS</p> <p>I certify that this AIRCRAFT POWERPLANT , RECIP.-OPPOSED was inspected in accordance with a 100 HOUR ANNUAL TYPE of INSPECTION and it was Determined to be in AIRWORTHY CONDITION at this time and date. 01 APR. 1984</p> <p style="text-align: center;"><i>Charles L. "Boj" Downing</i> CHARLES L. "BOJ" DOWNING A&P-IA 1882364</p>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.				
4-27-85			TACH		449	3504	/ TSMOH 528		compression			
			#1	78/80	#2	76/80	#3	68/80	#4	75/80	#5	76/80
			#6	74/80	checked screen, installed							
			new fuel return hose (pump to tank)									
			A&P-IA AIP 1558250									
BROUGHT FORWARD												
TOTALS												

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
8-08-85									TACH 450.24 HOURS Installed overhauled propeller. Precision Propeller Service W0#8766A. see attached tag.		
<p style="text-align: center;">This aircraft and/or component 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 repair are on file at this repair station under</p> <p>Order No. <u>3767</u> Date <u>8-8-85</u></p> <p>Signed <u>Ronald E. Bunker</u> to</p> <p style="text-align: center;">BEEGLES AIRCRAFT SERVICE No. 4912 Wald County Airport Ouster, Colo.</p>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
8/9/85									Cleaned Oil Tach 450.83 3505/TSMOH 529 66 Wald County 20-50 SK	<i>Prof</i>	
8-29-85									TACH 450.83 TT 3505.83 TSMOH 529.83 # 1 78/80 #2 77/80 #3 69/80 #4 86/80 #5 76/80 #6 75/80		
<p style="color: red;">I certify that this aircraft/engine has been inspected in accordance with <u>100 hr</u> inspection and was determined to be in airworthy condition. ALEX B. WATSON A&P 1558250</p>											
9-23-86									TT H67.1 changed oil cleaned oil screen checked comp. cleaned spark plugs Date 9-23-86 T.T. H67.1	<i>Roy Stricklin</i>	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
12/19/88	Tack Rends 496.0								Compression check as follows		
1 ²⁵ / ₃₀	2 ²⁵ / ₃₀	3 ²⁵ / ₃₀	4 ²⁵ / ₃₀	5 ²⁵ / ₃₀	6 ³⁵ / ₃₀				Removed cyl. no. 6 due to low compression. install serviceable cyl. ^{See yellow tag -} supplied by Empire Aviation Supply Co. The following new parts installed (1) 1628488 letter (2) 4700 ring (1) 4707 ring, exhaust nuts and all gaskets as needed valves were ground and tapered. plugs cleaned and capped oil screen checked ok. mag timing checked added 10 qts phillips 20/50 type m oil. Run up check normal I have inspected this engine in accordance with FAR 43 appendix D scope and detail of a 100 Hr inspection →		
BROUGHT FORWARD											
(next page -											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
and is approved for return to service											
										W. H. A. Warren PP524983286	
3-20-89	Tack Time 538.45								Hours: Remove #5 cylinder Due To loose Intake Seat. Install Serviceable Cylinder, See Tag from Firewall Forward Dated 3-17-89. Replace Hoses, Seals, and Gaskets. Change Oil and Check Screens. Use 40wt Non Deter Fuel AT P1410122IA		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
	11-?		90						TACK TIME 691.90		
									TOTAL TIME 3746.27		
									TIME SMOH 770.27		
THIS ENGINE REMOVED FROM											
N 7360B											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
3-1-98	Installed this engine in Buch 35-33, S/N CD-174, N584F as alternate engine installation in accordance with FAA ALC specification TC 2A15 item 12. Ground run-up at 3.0 hrs completed by Air Salvage, ATFAID 2 aug 88 with AIP 8943618. Sheet attached to ALC Records. Installed with new engine mounts. Filled with 10-100 Castrol oil. Installed with Hartzell McCauley Propeller FA30C2-D-E propeller and Prop governor A210-680 from Prior engine, installation. Cleared fuel & oil screens and spark plugs. Compression check after ground run-up #1 7 1/80 #2 6 80 #3 6 80 #4 7 7/80 #5 7 7/80 #6 6 1/80. Released for flight mission. Roy D Snyder AIP 1607574 FAA Tech. 7285, 68 hrs total time - 3746.27 HRS. 770.27 SMOH,										
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
4/7/92									Replaced #2 cylinder with a serviceable chromed cylinder. Cylinder was reworked by "J's Aircraft, Dallas, Tex to Ring finish, Valve seats ground, Intake valve finished, new exhaust valve installed. Piston cleaned and checked. Reassembled with new rings. All measurements within service limits. Run-up satisfactory. Released for flight. Tach 2295.0 hrs	Royal Snyder A#1607574 IA	
BROUGHT FORWARD											
TOTALS											

PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
4-3-93		Replaced #4 cylinder with a serviceable reworked cylinder from J's Aircraft, W.O. 5956. Yellow Eng attached to screws. Installed with new Rings. All measurements above Table of limits 10-470 overhaul Manual. Installed 1 new REM40E spark plug. Cleaned, gapped & tested 11 spark plugs. Compression checked @ 70/180 #2 71/180 #3 73/180 #4 Replaced #5 73/180 #6 68/180			
		Run-up satisfactory.			
4-3-93	N 5481				
Date			Eng s/n		
Tach time 2394.12			Total Aircraft Time 3854.71		
I Certify that this Aircraft/Engine has been Inspected in accordance with a ANNUAL/100HR INSPECTION and was determined to be in Airworthy Condition			878.7 hrs SMOH.		
Signature: Royal Snyder			A & P No 1607574 IA		
SNYDER INSPECTION SERVICE INC.			184.44 hr. STON #2 cylinder 0 hr STON #4 cylinder 261.89 hr STON #5 cylinder 307.79 hr STON #6 cylinder		

PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
2/10/94 TACH 2405.8 mod. TC 902		REMOVED ME CAULEY PROPELLER MOD 2A36 C23-D-6 S/N 748566 FOR INSTALLATION ON V-35 BONANZA N276BX AND INSTALLED FLEETON P11A-4 S/N 510' SINCE OVERHAUL BY THUNDERBIRD PROPELLER, BETTANY, OKLA. TORQUED, SAFETY + LEAK CHECKED PROP. NO CHANGE. IMPORTANT PROP BOLTS TO BE RETORQUED AT TACH. TIME OF 2430.8 I.E. 25 HOURS AFTER INSTALLATION		Thunder Bird (405) 789-1830	A.P.M. - AP 1925314
21 May 1994 TACH 2433.0		REMOVED #3 CYL. BROWN: LEAKED INTAKE VALVE + SEALS. REINSTALLED CYL. AS PER CONT. MANUAL USING NEW RINGS AND GASKETS. TIGHTEN EXHAUST HANGERS BOTH SIDES. INSTALLED HOSE CLAMP ON HEAT SHIELD. SPARK PLUGS ROTATED, TIMING CHECKED. ENGINE SERVICED W/110% 100 AWOSHELL OIL. ENGINE TEST RUN - ALL TEMPS + PRESSURES NORMAL.			
14 Jun 94		REPLACED PUSH ROD SEALS #4 CYLINDER 2 ea SA534410, 2 ea SA534610, 1 SA644237 gasket			AP 57285543 IA ABRAHAM J. DEGROOTE D/B/A WILLIAMSON AERO SERVICE INC. <i>Abraham J. Degroote</i>

^{Engine} PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
9 Jul 94		REMOVED RIGHT MAG 600 SERIES INSTALLED NEW SLICK 6362 S/N 92120024 OPERATIONAL WEIGHT INSPECTION PERFORMED AND FOUND SATISFACTORY			<i>Abraham J. Degroote</i> AP 57285543 IA ABRAHAM J. DEGROOTE D/B/A WILLIAMSON AERO SERVICE INC.
11 Oct 95		TACH Time 2493.87 1) REMOVED AND REPLACED ALL 6 CYLINDERS WITH NEW CONTINENTAL 653455A7 INCLUDING NEW PISTON & RINGS, REPLACED PISTON PINS WITH NEW 2) CLEARED & REGAPPED SPARK PLUGS			AIR FRAME TOTAL 642.423

ENGINE

PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
3-10-97	TACM	TIME: 2498.81	TOTAL TIME: 3959.40		
	TSMO:	983.39	TSTO:		4.94
	1. LEAK DOWN	TEST: 180			
		1. 76	3. 74	5. 74	
		2. 73	4. 72	6. 75	
	2. CLEANED	AND CAPPED	SPARK PLUGS.		
	3. CHECKED	MAGNETO	TIMING.		
	4. CHECKED	IGNITION	LEADS FOR	HIGH TENSION	
		LEADS.			

ENGINE

PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
	5. REPLACED	MUFFLER.			
	6. REPAIRED	CRACKED	EXHAUST	FLANGE ON	
		#1	CYLINDER.		
	7. REPLACED	#1 AND #2	FUEL	INJECTORS.	
	8. CALIBRATED	#3, 4, 5, AND 6	FUEL	INJECTORS.	
	9. REPLACED	RIGHT SIDE	EXHAUST	BRACKETS.	
	10. REPLACED	FIRE	SERVE	ON FUEL	HOSE FROM
		FUEL	SERVE	TO	DISTRIBUTOR
			BLOCK.		
	11. REPLACED	PRODUCT	HOSE.		

SERVICEABLE

Mfg. Bechthold
 Component Muffler
 Model B-33
 Part # 186

The aircraft component identified above 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 repair are on file at this repair station under Work Order No. 48518-2
 Date 11-12-96
 Signed Zenny Anthony

Aircraft Exhaust Systems, Inc.
 P. O. Box 159
 Rt. 86 Box 97B
 Jumping Branch, WV 25969
 (304) 466-1724

FAA CERTIFICATED
 REPAIR STATION NO. XH190681

ENGINE

PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
		5. REPLACED MUFFLER			
		6. REPAIRED CRACKED EXHAUST FLANGE ON #1 CYLINDER.			
		7. REPLACED #1 AND #2 FUEL INJECTORS.			
		8. CALIBRATED #3, 4, 5, AND 6 FUEL INJECTORS.			
		9. REPLACED RIGHT SIDE EXHAUST BRACKETS.			
		10. REPLACED FIRE SLERVE ON FUEL HOSE FROM FUEL SERVO TO DISTRIBUTOR BLOCK.			
		11. REPLACED AIRDUCT HOSE.			

ENGINE PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
3-10-97					(CONTINUED)
1		12. REPLACED COOLING DUCT TO FULL PUMP,			
		13. SAFETIED ALTERNATOR ADJUSTMENT BOLT.			
1		14. REPLACED AND SAFETIED PROPELLER BACKING PLATE BOLTS,			
		15. REPLACED MISSING LOCK FOR CLAND NUT ON ONE PROPELLER BLADE.			
		16. MOUNTED PROPELLER AND TRACKED.			
Arthur D. Rice AP 199241181					

PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
11/98	Note!	SEE AD LOG SYSTEM LOG # I-E FOR ENTRIES AFTER THIS DATE.			
				M.J. Gandy A/E 1278275	
11/98	Note!	SEE AD LOG SYSTEM LOG # I-P FOR ENTRIES AFTER THIS DATE.			
				M.J. Gandy A/E 1278275	

MEMORANDUM

DATE _____

Airworthiness Directives

AD. 75-05-02 Beryl Air Oil Separator c/w by inspection
at 2704.2 hrs. Inspection due again at 2729.2 hrs.

7-17-64 ENG OWH. 1100 HRS. CHROME
24-DEC-65 ENG OWH 1764 HRS. -664.
1 JAN 78 ENG OWH 2976 HRS