

N67000
Left Engine Log #3

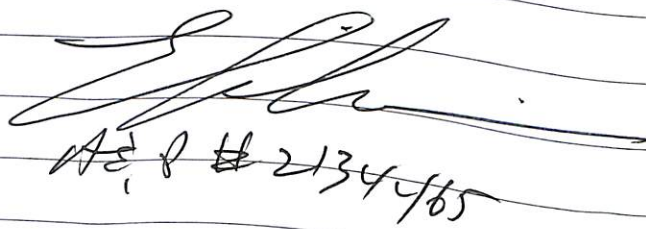
THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2024				TOTALS brought forward from previous page
2024 16 MAY		1011.3	755.5	05/16/24 Crystal Aero Group – Crystal River, FL Beechcraft 76 N67000 Tach: 755.5 LTSMOH: 1011.3 Engine Annual completed this date using M/M & Checklist; Compressions: #1 = 68/80 #2 = 61/80 #3 = 74/80 #4 = 72/80 Oil changed & filter replaced – NO METAL FOUND; Engine serviced w/ 8qts. Phillips 100AW; Removed oil sump screen, cleaned, re-installed; Spark plugs cleaned, gapped, tested, & re-installed; Checked timing & confirmed @ 25* BTC; Installed new HeliCoil on #1 cylinder, bottom plug; Removed alternator & broken alternator power cable; Installed Overhauled HET ALU-8521R alternator (S/N H-P061312); Fabricated new 6', 6GA alternator-to-diode power cable; Performed ground run, all systems check okay & no leaks noted. Static: 2750 RPM C/W Recurring AD(s): 76-7-12: Switch Ops Chk OK – NEXT DUE: 803.0 855.5 I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND IN AN AIRWORTHY CONDITION. Little M. Crowell – A&P/IA 1842723 <i>Little M. Crowell</i>
2024 Nov 12		1060.9	805.1	50 hr inspection. Serviced w/ 8 qts. Philips 100 AW. New oil filter AA48103-2 installed Work performed: <i>[Signature]</i> A&P apprentice Work inspected: <i>Little M. Crowell</i> A&P/IA 1842723
04/21/25		1108.0	852.2	04/21/25 Crystal Aero Group – Crystal River, FL Beechcraft 76 N67000 Tach: 852.2 LTSMOH: 1108.0 Engine Annual completed this date using M/M & Checklist; Compressions: #1 = 67/80 #2 = 74/80 #3 = 75/80 #4 = 72/80 Oil changed & filter replaced – NO METAL FOUND; Engine serviced w/ 8qts. Phillips 100AW & AA48103-2 filter; Spark plugs cleaned, gapped, tested, & re-installed; Checked timing & confirmed @ 25* BTC; Installed missing bolt & spring hardware for downpipe-to-muffler connection; Performed ground run, all systems check okay & no leaks noted. Static: 2750 RPM I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND IN AN AIRWORTHY CONDITION. Little M. Crowell – A&P/IA 1842723 <i>Little M. Crowell</i>

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2021				TOTALS brought forward from previous page
21 JUN			625.	Checked mag timing - OK <i>Little M. Crowell</i> AP1842723
2022 18 FEB			144.5	Replaced LEFT ENGINE STARTER BENDIN - OP'S OK OK <i>Little M. Crowell</i> AP1842723
2022 18 MAR	3147.8	900.8	645.0	ANNUAL INSPECTION COMPLETED THIS DATE USING N/M & CHECKLIST. OIL CHANGED & FILTER REPLACED AA4810-2 8qts AW100. NO METAL IN FILTER. CLEANED AND GAPPED PLUGS. COMPRESSION CHECKED #1.74 #2.73 #3.76 #4.75/80 CHECKED MAG TIMING. SERVICED OIL PUMP TUBES REPLACED LIT FUEL SENDER CLAMP. REMOVED & REPLACED COOLER OIL HOSES 111F417-80-0124 111F417-80-0130 NO LEAKS NOTED ON RUN-UP CLEANED AIR FILTER DIVE CHANGE 940 TSMOH RUN-UP NORMAL - NO LEAKS. STATIC 2700 RPM I certify this <u>ENGINE</u> has been inspected in accordance with an <u>Annual</u> inspection and found in an airworthy condition. Date <u>18 FEB 2022</u> Tach <u>645.0</u> <i>Little M. Crowell</i> AP1842723 IA
2023 27 FEB			192.3	50 HR. INSP. - CHANGED OIL AA48103-2 ADDED 8QTS AW100 - REPLACED OIL FILTER W/ NEW. NO METAL IN FILTER GROUND RUN LEAK CHECK GOOD. <i>Little M. Crowell</i> AP3531334
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

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				TOTALS brought forward from previous page
05/01/23				Crystal Aero Group - Crystal River, FL Beechcraft 76 N67000 Tach: 703.0 LTSMOH: 958.8 Engine Annual completed this date using M/M & Checklist; Compressions: #1 = 76/80 #2 = 78/80 #3 = 79/80 #4 = 79/80 Oil changed & filter replaced - NO METAL FOUND; Engine serviced w/ 8qts. Phillips 100AW; Installed new AA48103-2 filter; Spark plugs cleaned, gapped, tested, & re-installed; Checked timing & confirmed @ 25* BTC; Installed new HeliCoil on #1 cylinder, bottom plug; Performed ground run, all systems check okay & no leaks noted. Static: 2800 RPM C/W Recurring AD(s): 76-7-12: Switch Ops Chk OK - NEXT DUE: 803.0 I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND FOUND IN AN <u>AIRWORTHY</u> CONDITION. Little M. Crowell - A&P/IA 1842723 <i>Little M. Crowell</i>
05/25/23		971.7	715.9	Removed MHB-4016 starter; Installed Serviceable Used MHB-4016 starter (S/N 9040285); Performed ground run, starting system check okay. AIRCRAFT RETURNED TO SERVICE Kellen Strader A&P 4260083 <i>K.R. Strader</i>
03/12/24		1005.9	750.1	Drained oil & installed New AA48103 Filter - NO METAL FOUND; Added 8qts. Phillips 100AW. Kellen Strader A&P 4260083 <i>K.R. Strader</i>
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7-29-2020				TOTALS brought forward from previous page
Oil leak right side of engine aft #3 cylinder. — With the engine washed, and leak detector applied, found various areas with oil seepage. Pulled back #3 cylinder and replaced base "O" ring. Installed and torqued base nuts. Removed oil dipstick and replaced dipstick tube gasket. Installed and safetied. Replaced cylinders #1 and #3 oil return line couplers. Removed governor, and replaced base gasket. Installed governor. Ran engine and found dry with no oil leak.				
Cylinder #1 intake pipe gasket is leaking. — Removed intake pipe. Inspected cylinder and pipe. Flange all OK. Installed with new gasket.				
Vacuum pump shaft appears sheared. — Removed pump and found shaft and pump OK. Coupler broke. Replaced coupler, mounted pump with new gasket. Checked on run-up, OK.				
TTA/C: 3014 FLT HBBS: 1065				
	Left	Right		
TACH:	555	555		
SMOH:	810	810		
TTENG:	3057	3057		
PROPSMOH	450	450		
PROP TT:	3057	3057		
SETD:	360	---		
				 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2020				TOTALS brought forward from previous page
8 OCT			Live 587.0 597.0	LEFT ENGINE CYLINDER HEAD TEMP INOP Removed & Replaced CYLINDER HEAD SENSOR OP'S CHECKED GOOP, P/N 10200007 S/N 53404. Horton Brown AP1842723
2020				
3 NOV	3101.9	824.9	599.9	50 HR. INSP - Changed OIL ADDED 8qt AN100 - Replaced Filter AA481032 - NO METAL IN OLD FILTER. Replaced oil cooler duct. Ran engine NO Leaks Noted Horton Brown AP1842723
2021				
19 FEB	3115.8	868.8	613.8	ANNUAL INSPECTION COMPLETED THIS DATE USING M/M & CHECKLIST. OIL CHANGED & FILTER REPLACED NO METAL IN OLD FILTER. ENGINE SERVICED WITH 8 QT. AN100. NEW FILTER. 500 HR INSPECTION ON MAGNETO. Completed - Due 1113.8 TACH. REPLACED VAC. PUMP 215CC S/N 193622 REPLACED EXHAUST GASKET ON #2 CYLINDER. AFTER REFACING - REPLACED CARB. HEAT SCOT HOSE. CLEANED GAPPED PLUGS SET TIMING 25° REPLACED EXHAUST BOLT & SPRING. AT #1. CYLINDER JOINT. CLEANED PAPER AIR FILTER CLEANED FUEL SUMPS. DYE CHECKED ENGINE MOUNT Due 50 Hrs 663.8 TACH AD 50-19-12 R, Clw. Run-up Normal NO Leaks Noted
				I certify this ENGINE has been inspected in accordance with an Annual inspection and found in an airworthy condition. Date 19 Feb 2021 Tach 613.8 Horton Brown AP1842723
				Compression #1. 76 #2. 76 #3. 78 #4. 76 SUB-TOTALS this page Horton Brown AP1842723
				TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2-13-2020				TOTALS brought forward from previous page
				ROUTINE ANNUAL INSPECTION ACCOMPLISHED
				Compression Check: 1.) 74/80 2.) 77/80 3.) 76/80 4.) 76/80
				Oil and Filter changed.
				Spark Plugs: Cleaned, gapped and rotated.
				REOCCURRING Left ENGINE A/D's ARE As Follows:
				A/D 2004-10-14 Crankgear inspection due at overhaul, prop strike, sudden stop. — Noted.
				A/D 84-26-02 Paper air filter due max use of 500 hours or on condition. — Replaced with new at SMOH: 540.
				Due next SMOH: 940 hours or on condition.
				A/D 90-04-6-R1 Prop governor line and fitting due at overhaul or whenever lines and fittings are done. — Noted.
				THE FOLLOWING CORRECTIVE ACTIONS WERE TAKEN:
				Check propeller dome pressure. — Accomplished.
				Check propeller accumulator pressure. — Accomplished.
				Replace Relief vacuum filter in nacelle. — Accomplished. New filter element installed.
				Mixture control rod end bearing is worn. — Replaced with new rod end bearing. Ops checked on run-up OK.
				Exhaust gasket #2 cylinder is leaking. — Replaced exhaust gasket with new, Mounted riser pipe with new stud washers.
				Vacuum pump shaft is sheared. — Removed from service 2lcc vacuum pump, and replaced with overhauled exchange. Same model, Serial #19325. See yellow tag Holly Aero WO#: 19325. Ram engine.
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

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2-13-2020				TOTALS brought forward from previous page
				Leak checked OK. Vacuum OK.
				Cylinder #4 top ignition wire is frayed at the "B" nut. — Disassembled and cut back wire shield. Assembled.
				Bomb tested OK, attached.
				Engine log #2 FULL. Start new log. — Noted
				TTA/C: 3001
				FLT HOBBS: 1052
				Left Right
				TACH: 539 539
				SMOH: 794 794
				TTENG: 3041 3041
				PROPSMOH: 434 434
				PROPTT: 3041 3041
				SETD: 344 —
				Heater Hobbs: 1065.6
				I A # 213 x 65
				A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771
				SUB-TOTALS this page
				TOTALS-Carry forward to next page



ENGINE MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N 67000

Engine Manufacturer Lycoming

Model O-360-A1G

Serial No. L-27230-36A

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|--|
| ☐ Right | ☒ Left |
| ☐ Front | ☐ Rear |



(All applicable information must be filled in)

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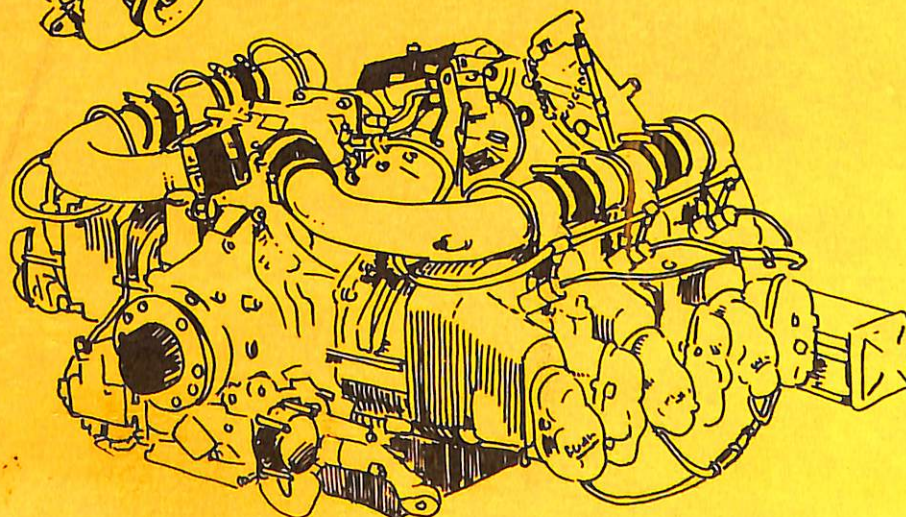
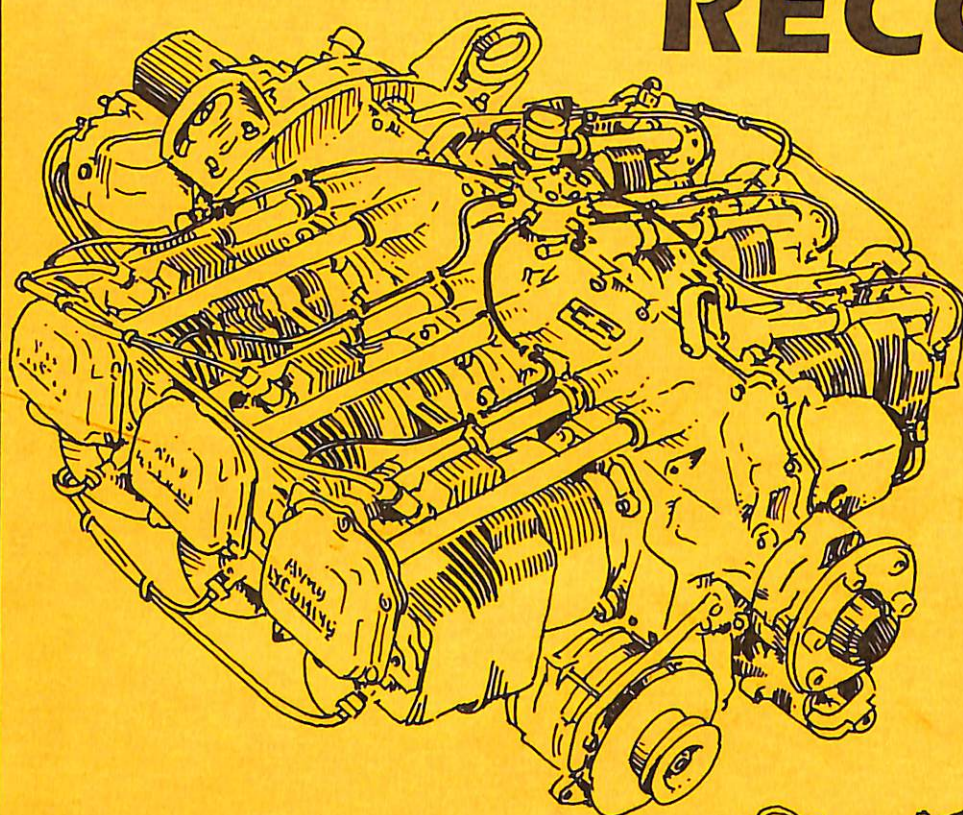
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*Left
Engine
N67000*

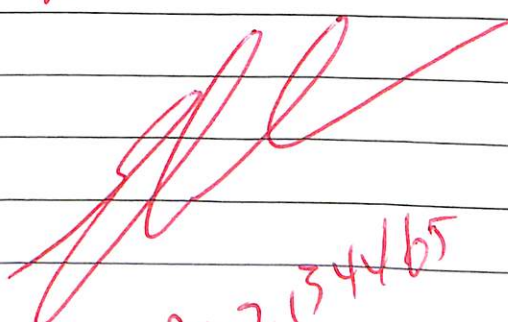
ENGINE MAINTENANCE RECORDS



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(In NY 516-298-8330)

MATTITUCK AVIATION CORPORATION
410 AIRWAY DRIVE, MATTITUCK, NY 11952

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
11-19-18				TOTALS brought forward from previous page
overhauled exchange, same part number, new serial number H-5103878. See FIA form 8130-3. Hartzell Engine Tech, run up, checked okay.				
ITAC	2944			
FCT Hobbs	995			
	Left	Right		
TACH	469	469		
SMOH-	724	724		
TENG	2971	2971		
PROPSMOH	364	364		
PROPT-	2971	2971		
SETP-	274	—		
Heater Hobbs	1049.5			
I CERTIFY THAT THIS <u>Left</u> <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.  IA #2134465 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771 NEW Engine Log #3 STARTED 2-13-20  IA #2134465				
A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-13-17				TOTALS brought forward from previous page
or on condition, max use of 500 hours.				
A/P 90-04-G-R1 Prop governor line and fitting done at overhaul or whenever lines and fittings are done. - Noted.				
The Following Corrective Actions Were Taken				
Check propeller dome pressure. - Accomplished.				
Check prop accumulator pressure. - Accomplished.				
Upper vacuum pump shaft is skewed. - Replaced pump with overhauled exchange, see WO#20132, Holly Aero. Installed 211cc pump serial #20132.				
Alternated cooling duct had holes from age. - Replaced duct with new.				
Cylinders #1 and #3 rocker box cover gasket leak. Replaced with permanent silicon type. - Accomplished.				
Installed (2) new new silicon rubber type.				
Starter motor had broken attach bolts to the drive starter Bendix drive. Teeth are worn away. - Replaced starter assembly with overhauled exchange, see FAA form 8136-3, Aero Tech WO#121990. Installed MHB-4016, serial # 74000009, transferred nose assembly with TACH pick up to replacement starter.				
Cylinder #2 exhaust gasket is leaking. - Replaced gasket with new.				
Prop governor attach bolt/rod bearing needs to be inspected. Excessive movement from something. - Inspection finds rod and bearing with excessive free play. Replaced rod and bearing with new.				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-13-17				TOTALS brought forward from previous page
Left AFT baffle had crack. Needs stop drill and attach bolt is missing. - Accomplished. Stop drill crack. Hardware installed.				
Alternated air door return spring is broken. - Installed new door spring.				
The Following (2) AIO's Need to be Added: Addressed				
AIO 2015-02-07 Lycoming engine with A or E at the end of serial Number with front mount governor. See AIO for model with aerobatic Kit. - DNA not installed.				
AIO 2017-16-11 Lycoming engine connecting rod bearing. - DNA not installed.				
TACH:	2964			
FLT				
ITOBBS:	955			
TACH:	424	424		
SMOIT:	679	679		
TT ENG:	2926	2926		
PROP SMOIT:	319	319		
PROP TT:	2926	2926		
HEATER ITOBBS:	10334			
SETD:	229	—		
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

Left
I CERTIFY THAT THIS ENGINE HAS
BEEN INSPECTED IN ACCORDANCE WITH AN
ANNUAL INSPECTION AND DETERMINED
TO BE IN AN AIRWORTHY CONDITION.

IA #2134465
A & P AIRCRAFT MAINT. INC.
MACARTHUR AIRPORT
RONKONKOMA, N.Y. 11779
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7-27-16				TOTALS brought forward from previous page
				Routine Annual Inspection Accomplished
				Compression check: 1.) 75/80 2.) 77/80 3.) 73/80 4.) 73/80
				Oil and filter changed
				Spark plugs - cleaned, gapped and rotated.
				Reoccurring Left Engine AID's are as follows
				AID 2004-10-14 Crank gear inspection due at overhaul,
				prop strike, or sudden stop - Noted
				AID 84-26-2 Paper air filter due max use of 500
				hours. - Replaced with new at SMOH. 540. Due next
				SMOH. 940 hours or on condition, or max use of
				500 hours.
				AID 90-04-6-R1 Prop governor line and fitting
				due at overhaul or whenever lines and fittings are
				done - Noted
				TTHE - 2870
				FLT Hobbs - 921
				Left Right
				Tightened as needed, washed engine and
				cool. Run up, leak checked OK.
				- With the engine running the mechanical
				fuel pump pressure is low, steady at
				only 4 PSI - Replaced mechanical fuel
				pump with overhauled exchange. See
				FAA form 8130-3, installed pump,
				P/N: LW16335. Serial number OAV007.
				Ground checked on run up, steady
				pressure.
				Propeller dome pressure needs to be
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7-27-16				TOTALS brought forward from previous page
				Checked - decompressed
				Prop accumulator pressure needs to be checked -
				decompressed
				Left outboard end cap of the muffler body is cracked
				and bulged. - Muffler was removed and exchanged with an
				overhauled unit. See FAA form 8130-3, Aerospace Welding,
				W0# 170169, installed muffler with four new gaskets.
				Cylinders #2 and #4 rocker box cover gaskets leak.
				Removed both covers, cleaned cylinder head and covers.
				Installed two each permanent silicone type, covers
				installed
				I CERTIFY THAT THIS ^{Left} Engine HAS
				BEEN INSPECTED IN ACCORDANCE WITH ^{AN} AN ^{AN}
				ANNUAL ^{AN} INSPECTION AND DETERMINED ^{WITH A}
				TO BE IN AN AIRWORTHY CONDITION. ^{REMARKS}
				A & P AIRCRAFT MAINT. INC.
				MACARTHUR AIRPORT
				RONKONKOMA, N.Y. 11779
				631-588-7771
				IA# 213465
10-13-17				Routine Annual Inspection Accomplished
				Compression Check: 1.) 75/80, 2.) 75/80, 3.) 72/80, 4.) 73/80
				Oil and Filter changed
				Spark Plugs: Cleaned, gapped and rotated
				Reoccurring Left Engine AID's are as follows
				AID 2004-10-14 Crank gear inspection due at overhaul,
				prop strike or sudden stop - Noted.
				AID 84-26-2 Paper air filter due max use of 500 hours.
				Replaced with new at SMOH: 540. Due next SMOH: 940 hours
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
5-6-14				TOTALS brought forward from previous page
Starter Bendix will not extend to crank over engine — Disassembled starter, checked brushes and operated motor on test stand OK, removed Bendix drive from unit, cleaned, lubricated, inspected and pushed, assembled Bendix drive and bowl to starter bench checked and found OK. Returned starter assembly to owner for installation.				
TTA/C:	2803			
FLT HOURS:	854			
TACH:	296	296		
SMOH:	551	551		
TT ENG:	2804	2804		
PROP SMOH:	190	312		
PROP TT:	2804	2804		
SETO:	190	-		
3-25-15				
Routine Annual Inspection Accomplished Compression Check: 1.) 72/80, 2.) 74/80, 3.) 72/80, 4.) 70/80 Oil and Filter Changed Spark Plugs Cleaned, Gapped and Rotated Reoccurring Left Engine A/D's Are As Follows A/D 2004-10-14 crank gear inspection due at overhaul, prop strike or sudden stop - Noted. A/D 84-26-2 paper air filter due max use of 500 hours - Replaced with new at SMOH: 540. Due next SMOH: 940 hours or on condition.				
SUB-TOTALS this page TOTALS—Carry forward to next page				

[Signature]
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
3-25-15				TOTALS brought forward from previous page
A/D 90-04-06-R1 prop governor line and fitting due at overhaul or whenever lines and fittings are done - Noted The Following Corrective Actions Were Taken Propeller dome pressure needs to be checked - Accomplished. Propeller accumulator pressure needs to be checked - Accomplished. Relief instrument filter in nacelle needs to be replaced - Installed new filter. Oil leak right rear side of engine, suspect both #1 and #3 oil return line couplings and oil dip stick "O" ring - Replaced with both oil return line couplings and (1) clamp. Oil dip stick removed. Threads cleaned, lock-tite installed, mounted and tightened with new gasket. Rocker box cover gaskets leak all cylinders - Removed covers, cleaned cylinders heads, installed (4) each new Lycoming rocker box cover gaskets. Exhaust pipe #1 leaking at slip joint and attach bolts worn - Replaced as needed Exhaust slip joint hardware. Engine starter wire boot is torn - Installed new boot.				
TTA/C:	2850			
FLT HOURS:	901			
TACH:	348	348		
SMOH:	603	603		
TT ENG:	2850	2850		
PROP SMOH:	243	364		
PROP TT:	2850	2850		
ITC AT LIT HOURS:	1025	7		
SETO:	153	-		
SUB-TOTALS this page TOTALS—Carry forward to next page				

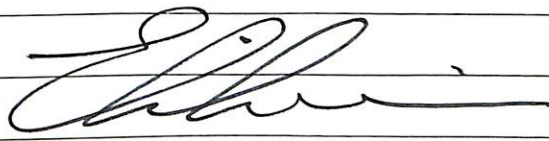
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I CERTIFY THAT THIS Left Engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND DETAILLED TO BE IN AN AIRWORTHY CONDITION

[Signature]
T A # 2134465

TOTALS—Carry forward to next page

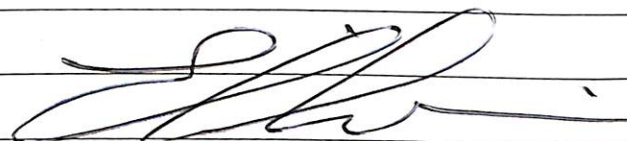
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8-27-12				TOTALS brought forward from previous page
				TACH pick up needs to be installed on new starter recently installed. Transferred nose from old starter. Installed TACH pick up ops checked OK TALC - 2717 FLT Hobbs--768 L R TACH 193 193 SMOH 448 448 ITENY 2704 2704 Prop SMOH 87 209 Prop TI 2704 2704 SETD 87 /
				 A&P # 2134165 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771
12-3-12				Routine Annual inspection accomplished Compression check- 1) 75/80 2) 75/80 3) 76/80 4) 76/80 Oil and filter changed Spark plugs cleaned, gapped, & rotated Recurring left Engine AID's are as follows AID 2004-10-14 Clark gear inspection due at overhaul, prop struck on sudden stop - Noted AID 84-216-2 Paper air filter due max use of 500 hours - Replaced with new at SMOH# 50, Due next SMOH - 550 hours or on condition AID 90-04-06-R1 Prop governor line and fitting due at overhaul or whenever lines and fittings are done. - Noted
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-5-11				TOTALS brought forward from previous page
all visually checked and found ok. Continued to attempt start without success. Removed all light spark plugs, found #1 top plug with broken center ceramic. Replaced with new Sumpco fuel bowl and wing tanks, no water. Suspected magneto at fault. This magneto has zero time since installation, Kelly Aerospace, WO#: M38DL690. on FAA form 8130. Mattituck installed with engine repair. Mag was removed and the impulse coupling spring was found broken. Borrowed customer aircraft, flew to Mattituck, picked up new spring. Installed new impulse coupling spring. Installed and timed mag. Start attempt without fault. Cowled and released aircraft to owner.				
TTAIC - 2631				
Flight Hobbs - 1082				
	L	R		
TACH -	105	105		
SMOH -	360	360		
TFENG -	2616	2616		
Prop Shaft -	2000	121		
Prop TI -	2616	2414		
Heater Hobbs -	950.7	-		
Set ID -	2000	-		
 A & P # 2134465				
A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-5-11				TOTALS brought forward from previous page
				Remove engine and send to Mattituck for IRAN due to prop strike, include all accessories except alternator. - Installed removed engine which was repaired under Mattituck WO# 33882, dycoming D-360-A1460, serial number L-27230-36A.
				Install as removed alternator. - Accomplished
				Remove propeller and send out for overhaul, IRAN due to prop strike - Propeller was repaired and overhauled by New England Propeller. See yellow tag FAA form 8130-3, WO# CR-38269. Prop installed after return.
				Remove prop governor and send out for overhaul, IRAN sudden stop damage. - Accomplished, see FAA form 8130-3. Governor was inspected/overhauled by New England Prop See WO# CR-38268
				Remove oil cooler and send for clean, flush, pressure check. - Accomplished, see Pacific Oil Cooler, FAA form 8130-3 Cooler was overhauled under WO#: 831683 Installed PIN: 8406J, serial number 16349.
				Install new fuel and oil line kit. - Accomplished
				Install as removed engine mounts - Accomplished
				Install as removed engine mount bolts - Accomplished
				Install as removed engine mount nuts - Accomplished
				Install mineral oil for break in - Serviced with 8 quarts Phillips 150/50 oil
				Install as removed air ducts. - Accomplished
				Torque strap all engine mounts nuts and bolts - Accomplished
				Torque strap all fuel and oil lines as you put a final wrench check on each - Accomplished
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-5-11				TOTALS brought forward from previous page
				Clean, repair, paint engine baffles and replace seals as required - Accomplished
				Remove, charge, clean, install battery if necessary - Accomplished
				Run-up and leak check engine - Accomplished
				ITAC - 2631
				FLT Hobbs 482
				L R
				TACH 105 105
				SMOH 360 360
				ITEN 2614 2616
				Prop SMOH 2400 121
				Prop IT 2614 2616
				Se ID 2400
				A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771
10-5-11				Routine Annual Inspection Accomplished
				Receiving Lift Engine AID's are as follows
				AID 8004-10-14 Crank gear inspection due @ overhaul, prop. strut or sudden stop. - Noted
				AID 84-06-2 Paper air filter due max use of 500 hours. - Replaced with new @ SMOH: 50 hours Due next SMOH: 550 hours or on condition
				AID 90-04-06-R1 Prop governor line and fittings due @ Overhaul or whenever lines and fittings are done. - Noted
				The following corrective actions will taken
				Propeller dome nitrogen charge needs to be serviced - Accomplished
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8-11-2011				TOTALS brought forward from previous page
				Removed This Engine Due to Prop Strike & Set to Telesync MATI Tuck For I RAN <u>LEFT</u> ITAC: 2631 FLT Hrs: 682 Tach: 105 SMOH: 360 TEG: 2616
				 A&P # 21346J
				A & P AIRCRAFT MAINT. INC. McARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771

MAKE Lycoming MODEL D-360-A1G6D SERIAL No./N No. L-27230-36A

TOTAL TIME	<u>2616</u> Hrs.	TACH READING	<u>105</u> Hrs.	DATE	<u>12 Sept 2011</u>
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This engine was disassembled, cleaned, inspected, repaired as necessary and reassembled. Test Run 10-K.Hrs. DATE A.D. 04.10.14 clw by insp. crank gears. torquing bolt to 660 in. lbs, bending lock plate properly as per S. 475. A.D. 02.12.07 clw by installing new gasket per S.B. 543c. A.D. 97.15.11 clw by installing new affected piston pins. A.D. 90.04.06 R clw by insp. air + replacing fitting. An overhauled mag #10.682555-15 S/N K031164 was installed. This engine is airworthy with respect to the work performed and is approved for return to service.

MATTITUCK SERVICES, INC.
FAA Repair Station T10R834B
W.O. No. 33882



Michael J. Russell
Authorized Signature

FORM RS-36 REV. (APRIL 2011)

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7-14-09				TOTALS brought forward from previous page
As removed faulty probe and supplied owner with new				
The following (1) AID needs to be added & addressed				
AID 2008-19-05 ECI cylinders on Lycoming engine - DNA not installed				
ITAC - 2505				
FLT HOBBS - 551				
	Left	Right		
TACH - 51	51	51		
SMOH - 239	239	239		
ITENG - 2495	2495	2495		
Prop SMOH - 2280	2280	2280		
Prop IT - 2495	2495	2495		
Needle Valve - 91098				
I CERTIFY THAT THIS <u>Left Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. IA # 2134465 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771				
9-9-09				
Left engine EGT probe is erratic. - installed new probe				
ITAC - 2517				
FLT HOBBS - 563				
	Left	Right		
TACH - 61	61	61		
SMOH - 249	249	249		
ITENG - 2505	2505	2505		
Prop SMOH - 10	10	10		
Prop IT - 2505	2505	2505		
I CERTIFY THAT THIS <u>Left Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. IA # 2134465 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-14-10				TOTALS brought forward from previous page
Routine Annual Inspection Completed				
Compression check - 1) 75/80 2) 77/80 3) 75/80 4) 74/80				
Oil and filter changed				
Spark plugs: cleaned, gapped and isolated				
Reoccurring Left Engine AID's are as follows				
AID 2004-10-14 Crankgear inspection due @ overhaul, prop strike on sudden stop - Noted				
AID 84-26-2 Paper air filter due max use of 500 hours - Replaced with new SMOH 50 hours. Due next SMOH 50 hours on condition				
AID 90-04-06-R1 Prop governor line and fitting due @ overhaul or whenever lines and fittings are done - Noted				
The following corrective actions were taken				
Oil dip stick housing loose - Tightened and re-sealed.				
Alternator belt is peeling apart - removed propeller and backing plate assembly. Replaced belt with Lycoming new installed prop plate and spinner.				
Rocker box cover #4 cylinder is leaking - removed cover, cleaned cylinder head and cover. installed new gasket.				
Checked prop dome and accumulator air charge - decompressed, serviced to manufacturer specs				
Spark plug ceramic cracked #4 bottom. - Replaced spark plug with new.				
The following (1) AID needs to be added and addressed				
AID 2006-26-12 ECI cylinders on Lycoming engines Supersedes AID 2008-19-05 - DNA not installed				
ITAC 2549				
FLT Hobbs - 600				
	L	R		
TACH - 93	93	93		
SMOH - 281	281	281		
ITENG - 2537	2537	2537		
Prop SMOH - 42	42	42		
Prop IT - 2537	2537	2537		
I CERTIFY THAT THIS <u>Left Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. IA # 2134465 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

TACH - 93
SMOH - 281
ITENG - 2537
Prop SMOH - 42
Prop IT - 2537

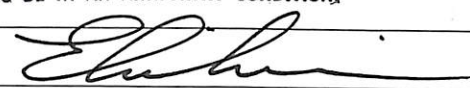
Heater Hobbs 917.3

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7-14-09				TOTALS brought forward from previous page
				Routine Annual Inspection Accomplished
				Compression check 1) 75/80 2) 76/80 3) 74/80 4) 77/80
				Oil and filter changed
				Spark plugs: cleaned, gapped & rotated
				Re-occurring left Engine AID's are as follows
				AID 2004-10-14 Carburetor inspection due @ overhaul, prop stroke as sudden stop - Noted
				AID 84-26-2 Paper air filter due max use of 500 hours - Replaced with new TACH: 752. Due next TAI: 444
				AID 90-04-06-R1 Prop governor line and fitting due @ overhaul or whenever lines and fitting are done - Noted
				The following corrective actions were taken
				Relief instrument filter in the nacelle needs to be replaced - Installed new.
				Prop governor accumulator needs to be pressure checked and serviced - Accomplished
				Propeller dome charge needs to be pressure checked & serviced - Accomplished
				Check security and engagement of the throttle arm operation to the fuel control, pilot experienced disconnected in flight on the right engine - Security check accomplished, throttle smooth and positive engagement of the servato arm found OK
				Starter bendix will not engage - Replaced starter assembly with overhauled exchange unit, model MHB 4016E, Serial number 103586. See FAA form 8130-3 Kelly Aerospace
				Left EGT is slow rise and reads low - Troubleshoot with new probe from right engine, determined probe @ fault. Installed
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
3-8-07				TOTALS brought forward from previous page
Crankshaft installed after March 1, 1999. -DNA by S/N: V341 of crankshaft installed by Mattituck @ time of overhaul				
AID 2006-12-07 Supersedes AID 2005-26-10 (EC) cylinders				
DNA not installed				
AID 2006-06-16 Glycoming engine crankshaft installed after March, 1999 AID 10, 10, 10, 10-360 see serial numbers -DNA by S/N of crankshaft installed V341 by Mattituck @ time of overhaul				
AID 2006-10-21 Glycoming 360/540 series engine with EC1 connecting rods installed January 2002 - January 2004. -DNA not installed				
AID 2006-20-09 Glycoming 360/540/580/720 series engines -DNA by crankshaft S/N: V341 installed by Mattituck @ time of overhaul				
TACH	2353			
HOBBS	399			
	Left	Right		
TACH	780	780		
SMOH	98	98		
ITENG	2353	2353		
Prop SMOH	1052	1052		
Prop TI	2353	2353		
Header Hobbs	858.9			
				I CERTIFY THAT THIS <u>Left</u> <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>[Signature]</i> IA # 213-6/65 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11770 631-588-7771
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
6-20-07				TOTALS brought forward from previous page
Remove governor and send out for overhaul. -Accomplished Sep N.E.P. WO#: CR33683. Governor overhauled, replaced pilot valve and bearings during overhaul. Installed, run-up, and leak checked. Op's checked OKay.				
TACH	2353			
FLT HOBBS	399			
	Left	Right		
TACH	780	780		
SMOH	98	98		
ITENG	2353	2353		
Prop SMOH	1052	1052		
Prop TI	2353	2353		
				<i>[Signature]</i> A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11770 631-588-7771
8-11-08				Routine Annual Inspection Accomplished
Compression check- 1) 75/80 2) 74/80 3) 72/80 4) 72/80				
Oil and filter changed				
Spark plugs: Cleaned, gapped and rotated				
Re-occurring Left Engine AID's are as follows				
AID 2004-10-14 Crank gear inspection due @ overhaul, prop strike or sudden stop -Noted				
AID 2005-12-06 Bendix mag impulse coupling due @ 500 hours - Due next @ SMOH: 500. Note: This AID no longer applies to this engine model. -In the interest of safety it is advised to accomplish this AID				
AID 84-26-2 Paper air filter due max use of 500 hours - Replaced with new at TACH 732. Due next TACH: 744				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
1/18/02				TOTALS brought forward from previous page
Cylinder head + fittings needs to be inspected + sealed properly. Accomplished. Fitting removed, inspected. sealant applied + installed				
Hobbs: 378				Left Engine
T9c: 2332				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.
Tach: 763				
Smoh 81	RT 81			I A # 2134165
TI Eng: 2332	2332			A & P AIRCRAFT MAINT. INC.
Prop Smoh 1035	1035			MACARTHUR AIRPORT
Prop TI 2332	2332			RONKONKOMA, N.Y. 11779
Heater Hobbs: 850.6				631-588-7771
3-8-07				Routine Annual Inspection Accomplished
Compression Check-1) 74/80 2) 74/80 3) 75/80 4) 75/80				
Oil and filter changed				
Spark Plugs: Cleaned, gapped and rotated				
Re-Occurring Left Engine AID's are as follows.				
AID 2004-10-14 Crankgear inspection due @ overhaul, prop strike, or sudden stop. -Noted				
AID 2005-12-06 Bendix mag impulse coupling switch due @ 500 hours -Due next @ Smoh: 500. Note: AID 2005-12-06 Bendix mag impulse coupling no longer applies to this model engine. In the interest of safety, it is advised to continue to accomplish this AID				
AID 84-26-2 Paper air filter due max use of 500 hours. - Replaced with new TACH: 732				
AID 90-04-06-R1 Prop Governor line and fittings due @ overhaul				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
3-8-07				TOTALS brought forward from previous page
or whenever line and fittings are removed -Noted				
The Following Corrective Actions Were Taken				
Check nitrogen charge on Propeller dome. - Accomplished.				
Serviced to pressure on chart				
Check nitrogen on governor. - Accomplished. Serviced to pressure on chart.				
Compliance of Glycoing Service Bulletin #548A diaphragm type fuel pumps need to be accomplished -DNA by date code				
Compliance of Glycoing Service Bulletin #565 diaphragm type fuel pumps need to be accomplished -DNA by manufactures code.				
The following (10) AID's need to be added and addressed.				
AID 2002-12-07 Oil filter converter gasket replacement. Note Supersedes AID 2000-18-53. - Complied with last 12-11-00 @ ITAC- 2292				
AID 2003-14-03 Supersedes AID 98-18-12 Crane/Lean Romer "AV" rotary fuel pump screw torque check CONTINUOUS INSPECTION until pump is replaced with modified pump -DNA not equipped				
AID 2004-10-14 Supersedes AID 91-14-22 Crane gear inspection due to sudden stop, prop strike or overhaul. - Transferred to re-occurring AID list				
AID 2005-12-06 Supersedes AID 96-12-07 Bendix/TCM impulse coupling inspection - Transferred to re-occurring AID list				
AID 2005-18-20 Goodrich deicer boot fast prop "P" various aircraft - DNA not installed				
AID 2005-19-11 Glycoing crankshaft failure. 0-360/AC10, 10, 110, 10 0-540/AC10, 10, 110, 110 after March 1, 1999 or had				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8-20-99				TOTALS brought forward from previous page
Recurring Left Engine AD's are as follows:				
AD 84-26-2 Paper air filters due 500hrs. Replacement due at TPLC: 2311.				
AD 91-14-22 Crank gear inspection due at overhaul, prop strike, sudden stop. noted.				
AD 96-12-7 Bendix mag impulse coupling due 500hrs. due next at smoh: 500hrs.				
Hubbs 897				
ITPLC 2257				
TACH 701				
Smoh zero				
ITON 6 2257				
PROP 962				
PROP IT 2257				
A & P AIRCRAFT MAINT. INC. BROOKHAVEN AIRPORT SHIRLEY, N.Y. 11967 516-281-7801 I CERTIFY THAT THIS <u>Left Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>[Signature]</i> IA # 2134465				
12-11-00				
ROUTINE ANNUAL INSPECTION ACCOMPLISHED.				
COMPRESSION CHECK: 1) 78/80 2) 78/80 3) 78/80 4) 78/80 5) 78/80 6) 78/80				
SPARK PLUGS: CLEANED, GAPPED & ROTATED				
RE-OCCURRING RIGHT ENGINE AD'S ARE AS FOLLOWS:				
AD 91-14-22 INSPECTION DUE @ O/H, PROP STRIKE OR SUDDEN STOP. NOTED.				
AD 96-12-7 BENDIX MAG IMPULSE COUPLING DUE @ 500 HRS. DUE NEXT @ SMOH: 500 HRS.				
AD 84-26-2 PAPER AIR FILTER DUE MAX USE 500 HRS. REPLACED w/NEW TACH: 732. DUE ON OR BEFORE TACH: 1232				
ROCKER BOX COVER GASKETS LEAKING #3 & 4. SCREWS MISSING ALSO. TIGHTEN ALL (4) CYL COVERS & INSTALL SCREWS. ACCOMPLISHED.				
OIL RETURN LINE FITTING #4 CYL LEAKING. FITTING REMOVED. SEALANT APPLIED & REINSTALLED.				
ALTERNATOR WIRE CHAFING #1 OIL RETURN LINE. RE-ROUTED WIRE AS NEEDED.				
OIL SUMP HAS NO QUICK DRAIN. INSTALLED NEW OIL QUICK DRAIN.				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

continued

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
12-11-00				TOTALS brought forward from previous page
A/D 2000-18-53 OIL FILTER CONVERTER PLATE GASKET REPLACEMENT. 9/16 BY BODY OF AD & 5/16 543A w/NEW PERMANENT GASKET.				
ENGINE INDUCTION PAPER AIR FILTER IS DUE REPLACEMENT PER A/D 84-26-2. REPLACED FILTER ASSY w/NEW PER REQUIREMENTS OF A/D.				
HOBBS.	338			
A/C T:	2292			
TACH:	732			
SMOH:	41	41		
TI ENG:	2292	2292		
PROP SMOH:	995	995		
PROP TI:	2292	2292		
HEATER HOBBS:	843			
A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771 I CERTIFY THAT THIS <u>Left Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>[Signature]</i> IA # 2134465				
1/18/02				
Routine Annual Inspection Accomplished				
Compression check: 1) 78/80, 2) 78/80, 3) 78/80, 4) 78/80				
Oil changed, filter changed				
Spark plugs: cleaned, gapped & rotated				
Recurring Left Engine AD's are as follows:				
AD 91-14-22 Crank gear inspection due @ O/H, prop strike or sudden stop. Noted				
AD 96-12-7 Bendix mag impulse coupling due @ 500 hrs. Due next @ SMOH: 500 hrs.				
AD 84-26-2 Paper air filter due max use 500 hrs. replaced w/new Tach: 732.				
Relief instrument filter needs to be replaced due to age. Accomplished				
#4 Cylinder oil return line is leaking oil at the cylinder fitting.				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

JOB NO. 15416 DATED 29 June 99
MFG. Lycoming MODEL D-360-A1G6D
Serial No. L-27230-36A Time in svc. 2257 Hrs



Authorized Signature _____



Authorized Signature

TOTALS—Carry forward to page 2.

MATTITUCK AIRBASE, INC. / Limited Piston Engine Warranty

Effective 2/5/88, Mattituck Airbase, Inc., (hereinafter called "MAB"), makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth below.

WARRANTY COVERAGE - For a period of six (6) months after date of delivery to customer, or 240 hours of operation, whichever occurs first, MAB shall repair or replace, at its option, any aircraft engine, accessory, or part which is found to be defective, to MAB's satisfaction, within said warranty period.

For engine warranty after six (6) months from date of delivery to customer and prior to the expiration of the original manufacturer's recommended time between overhaul ("TBO"), the cost of repair or replacement (including the cost of parts and labor), at MAB's option, shall be prorated in the following manner. The customer shall pay the net price for a newly rebuilt engine equal to the current list price for the engine divided by the manufacturer's recommended TBO, and then multiplied by the number of hours on the repaired or replaced engine (which shall be deemed the greater of the actual logbook hours, recorded tachometer hours or time at forty (40) hours per month from the date of delivery). Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by MAB.

After the initial six (6) months from date of delivery or 240 hours of operation, MAB will not assume any responsibility for the repair or replacement of engine accessories, e.g. magneto, starter, alternator, ignition harness, turbocharger, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis. MAB will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

The repair or replacement of any part under the foregoing warranty shall not extend the periods of warranty coverage set forth above. MAB reserves the right to change the price or specifications of any engine or part at any time.

CONDITIONS AND PROCEDURES FOR OBTAINING WARRANTY WORK - The foregoing warranty shall be effective only if the engine or component to be serviced is returned to MAB's facility at customer's expense, together with particulars in writing of the nature of the defect. The customer or his representative should contact MAB for verification and authorization of warranty prior to return and/or repair. Written authorization must be obtained from MAB before repairs covered by warranty can be

performed other than by MAB. In no event shall allowable labor costs exceed local published shop rates. The foregoing warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the FAA and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by logbook entries which must accompany any engine returned for warranty work. Defects must be discovered within the warranty period and MAB must be given prompt notice thereof in writing, within ten (10) days after discovery.

LIMITATION, EXCLUSIONS, AND DISCLAIMERS - MAB shall not assume freight charges, transportation or delivery expenses, costs, or airframe repairs, all of which are excluded under this warranty. MAB does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed, repaired or maintained or altered in any manner which, in the judgement of MAB, has had an adverse effect on the engine or part. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. This warranty shall not apply to any engine which has been repaired or altered, in any manner other than by MAB, or its representative.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED. MAB liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO EVENT SHALL MAB BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY ON TORT OR NEGLIGENCE ON THE PART OF MAB. The foregoing limitations and exclusion with respect to implied warranties and the exclusion of incidental or consequential damages may not apply in those states which prohibit such limitation or exclusions. This warranty gives customer specific legal rights, and the customer may have other rights which vary from state to state.

Work Order No. 15416
Engine Serial No. L-27230-36A



Airway Drive
Mattituck, N.Y. 11952
Tel: (516) 298-8330

ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N67000

Engine Manufacturer Lycoming

Model O-360-A1G6D

Serial No. L-27230-36A

Date installed on aircraft 8-20-99

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ Right ☒ Left
☐ Front ☐ Rear

12-17000

5/11-11-75

LEFT ENGINE

ENGINE LOG
EF5-1



INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-10-93	Tach time 430.0	Installed new air pump P.N. 211CC S.N. 01A4006550.
		M. Brown A/P 2528525
11-24-93	2015.7	Tach hourmeter - 459.6 Hobbs hourmeter 00.0 Annual inspection completed. ① 7/4/80 ② 7/4/80 ③ 7/6/80 ④ 7/6/80 Changed oil & filter. Serviced engine with Aeroshell 15w-50 Replaced worn pinch bolt on carb heat control arm. Complied with Lyc. Serv. Inst. #1425 part III, cleaned valve guides. Repaired starter drive by replacing worn parts. CW AD 90-04-06 R2 by replacing prop. gov oil line with new LW 12920 AD 81-18-04 R2 NA due to engine Ser. No.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11-24-93	2015.7	11-24-93 2015.7 DATE TOTAL TIME CERTIFY THAT THIS Eng- HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Doug Thompson A/P 565218686 IA
1-20-95	2098.4	Annual inspection completed. 7/4/80 7/6/80 7/6/80 7/6/80 Tech = 542.3 Changed oil & filter. Serviced engine with Aeroshell 15w-50. Replaced rocker cover gasket on cyl #1. Lubed cowl flap cable. Stop drilled crack on air filter support baffle. AD 78-09-07 C.W. by replacing cam assy with new 10-400166-8, & new 10 51324 spring. Replaced both points. Mag P.N. 10-382555-15.
		DATE 1-20-95 TOTAL TIME 2098.4 CERTIFY THAT THIS Eng- HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Doug Thompson A/P 565218686 IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-23-90	1,811.1	Hour meter 566.2 Annual inspection completed. Comp. Ck 1 74/80, 2 76/80, 3 80/80, 4 79/80, Changed oil and filter. Serviced engine with Shell 15W-50. Replaced gaskets on #1 & 4 rocker covers. Replaced gasket on oil filler tube. Repaired crack on muffler. Reinstalled prop after compliance with AD 77-12-06.
DATE 1-23-90 TOTAL TIME 1,811.1		
I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
M. Brown A&P 2028525 IA		
4-25-91	1917.0	Annual insp. completed. Changed oil & filter serviced engine with Aeroshell 15W-50. Re timed mag. Replaced intake hoses & gaskets. Replaced #'s 2, 3, & 4 rocker cover gaskets. ————— Cont next page
Hour Meter	672.1	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Comp. Ck 1 74/80, 2 76/80, 3 79/80, 4 75/80 DATE 4-25-91 TOTAL TIME 1917.0
		I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
		Dreg Thompson A&P 5165218686
10-15-92	1952.2	Annual inspection completed. Changed oil & filter. Serviced engine with Aeroshell 15W-50. Repaired fuel leak at carb. Replaced alternator belt.
Hour Meter	707.3	Comp. Ck. - 1 74/80 2 74/80 3 75/80 4 72/80
DATE 10-15-92 TOTAL TIME 1952.2		
I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
Dreg Thompson A&P 5165218686 IA		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10/20/87	TACH 352.8	INSPECTION FOR ANNUAL COMPLETED COMP CHECK CYLS. AS FOLLOWS #1 ⁶⁸ / ₈₀ #2 ⁷³ / ₈₀ #3 ⁷⁶ / ₈₀ #4 ⁷⁵ / ₈₀ CLEAN & GAP SPARK PLUGS & INSTALL 2 NEW PLUGS ON RT. MAG. CHANGE OIL & OIL FILTER. ADD 8 QTS 15W-50 SHELL OIL. COMPLY WITH A.D. 78-09-07 BY VISUAL INSPECTION. CHECK A.D. NOTES THROUGH 87-19. REPLACE ALL R.B. GASKETS. ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336 I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 10/20/87 1598.2 George P. Smith IA 379026

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12-6-88	1686.7	Hour meter 441.8 100 hr. insp completed. Compck. 1 ⁷⁶ / ₈₀ , 2 ⁷⁸ / ₈₀ , 3 ⁷⁸ / ₈₀ , 4 ⁷⁷ / ₈₀ . Changed oil and filter, serviced engine with Shell 15W-50. Installed 8 new RHM38E spark plugs. Replaced all fuel and oil hoses with new assy's. Adjusted tension on alternator drive belt. Complied with Lycoming \$I 1435 by installing steel fitting on prop governor oil line. DATE 12-6-88 TOTAL TIME 1686.7 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A 100hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. m. Brown A+P 2028525

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/15/85	Tach 151.0	Check A.P. notes thru 85-16. Check & clean air filter, inspect and replace oil filter. Check compression $1\frac{7}{8}$ $2\frac{7}{8}$ $3\frac{7}{8}$ $4\frac{7}{8}$. Check 500 RHV 38E spark plugs. Replace oil, mag breaker, set mag timing. Dress and paint prop. Service dome and accumulator. Service engine with Shell 50wt. A.P. oil.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 Hour/Annual INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DATE <u>9/15/85</u> TOTAL TIME <u>1396.1</u> JOHN H. BACON A & P 11901455 ALTAIR AVIATION CORP. Beech Sales and Service Carson City Airport Telephone: 882-2018 <i>John H. Bacon</i> FA 11.382455		
12/16/85	T-136.6	Changed to 15-50 wt AD. oil. (Shell) <i>C Russell</i> A & P 1914346

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-26-86	Hobbs 261.0 T.T. 1506.1	Drained oil, Replaced oil filter, Serviced with 80ts Shell 50wt. Cleaned, gapped & rotated spark plugs. 1 $1\frac{7}{8}$ 2 $2\frac{7}{8}$ 3 $3\frac{7}{8}$ 4 $4\frac{7}{8}$. Checked MAG. Timing. Checked A.D.S thru 86-18.
I certify that this (aircraft) (engine) has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in an airworthy condition! <i>Curt Pittman</i> Curt Pittman IA A&P 556170979 ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3/12/85	Tach 50.1	Check A.D. notes thru 85-03. C/M A.D. 80-19-12 done per contract check of lower engine mount tubes and blue 1345-1.
I CERTIFY THIS ENGINE HAS BEEN		
INSPECTED IN ACCORDANCE WITH AN		
100 Hour Annual INSPECTION AND WAS		
DETERMINED TO BE IN AN AIRWORTHY		
CONDITION.		
DATE 3/12/85	TOTAL TIME 1295.1	170053890003, imp. replace oil filter. Check compression 76 74 75 78. Clean and gap plugs. Replace start motor breakers, then plug to engine.
JOHN H. BACON	A & P 11382455	

ALTAIR AVIATION CORP.



Beech Sales and Service
Carson City Airport
Telephone: 882-2018

Propeller O/H and C/M A.D. 77-12-06 accomplished
by American Propeller Service (see prop log
book). Service engine with Shell 50 wt
A.P. oil.

John H. Bacon
A & P 11382455

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4/21/85	Tach 100.3	Completed 50 hour oil change. Imp. & replaced oil filter, cleaned induction air filter. Replaced intake hose clamp on #2 cyl. Replaced #2 cyl. bottom spark plug. Replaced alternator cooling duct. Replaced #1 cyl. rocker cover gasket. Serviced eng. with Shell 50 wt A.D. oil.
C. Russell		
A & P 1914346		

ALTAIR AVIATION CORP.



Beech Sales and Service
Sacramento Executive Airport
Telephone: 428-7336

7/12/85 TACH 115.5 INSTALL NEW BENDIX DRIVE
P/N FEB-131A IN STARTER.

ALTAIR AVIATION CORP.



Beech Sales and Service
Sacramento Executive Airport
Telephone: 428-7336

Ray O. Smith
A & P 379036

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/24/84	Tach 999.5	Check A.D. note thru 84-12. CMAA 80-19-12 dye penetrant insp. of lower eng. mount tabs due again 1089.5 hrs. Inspect and clean air filter insp. and replace oil filter. Check crank rotation 33 75 115 74 DATE 7/24/84 TOTAL TIME 1195.3 100 280 380 480. Clean and gap plugs. Set magn timing, set point gaps. Reduc and point prop. Service dome and accumulator. Service engine with Shell 15W 50 oil. John H. Bacon A & P 11302455
ALTAIR AVIATION CORP.  Beech Sales and Service Carson City Airport Telephone: 892-2018		
10-19-84	TACH 3.6	50 HOUR OIL & OIL FILTER CHANGE. CHECK OLD FILTER. SERVICE WITH 8 QTS. 70 WT. AEROSHELL A.D. OIL. NOTE: A.D. 80-19-12 R1 NO LONGER REQUIRED TO BE DONE ON ENGINE MOUNT, SEE PART "E" OF A.D. NOTE WHICH ELIMINATES ANY FURTHER INSPECTIONS WHEN VIEW OVER

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-19-84	ENGINE MOUNT	PH 105-910019-1 12 INSTALLED. NEW MOUNT INSTALLED ON 3-5-82 TACH TIME 687.5. ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336 A & P 379036

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1/25/84	TACH 902.7	CHECK A.D.'S THEN 83-25, COMPRESSION CHECK
I CERTIFY THIS <u>ENGINE</u> HAS BEEN #1 $7\frac{5}{60}$ #2 $7\frac{3}{60}$ #3 $7\frac{5}{60}$ #4 $7\frac{2}{60}$, C/W AD		
INSPECTED IN ACCORDANCE WITH AN 80-19-12 Dyc DEN INSPECTION OF ENGINE MOUNT		
100 HR INSPECTION AND WAS C/W AD 78-09-07 RE03 & Bendix SB 599B (Impulse		
DETERMINED TO BE IN AN AIRWORTHY COUPLING) MAGNETO P/N 10-382555-5 S/N 27855 M/N		
CONDITION, D4LN-2021, C/W Woodward Governor S.B. # 33581		
DATE 1/25/84	TOTAL TIME 1098.5	SENT TO Woodward Governor for repair. (Yellow-tag
BRIAN W. BLODGETT	A & P 557865449	IN BACK) Replace RH Magneto Points with new set
P/N 10-382585, GOVERNOR M/N L210652 S/N 14932944R		
ALTAIR AVIATION CORP. Installed Muffler after Repair Bq knislog welding		
Beech Sales and Service (TAG IN BACK) set mag timing, Dress		
Sacramento Executive Airport & PAINT Prop - Service engine with Aero		
Telephone: 428-7336 Shell 50 wt A.D. Wash R/W Cowl NO Leaks found		
Also service Feathering & Unfeathering Accumulator.		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/10/84	Tach 944.7	Completed 50 hour oil change.
Insp. & replaced oil filter. AD. 80-19-12 RD is		
no longer applicable to this eng. mount.		
New steel mount installed on entry		
dated 3/5/82 this book. Serviced		
with Shell 50 wt. AD. oil.		
C Russell		
A & P 1914346		
ALTAIR AVIATION CORP.		
Beech Sales and Service		
Sacramento Executive Airport		
Telephone: 428-7336		

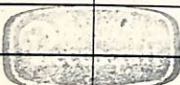
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/11/83	Tach 790.5	Check A.D. note thru 83-11. C/M A.D. 80-19-12, days penetrant insp. of lower engine mount tubes, visual insp. due T.I. 1036.3. Check and clean air filter and oil screen, insp. and replace oil filter. Check compression ⁷³ 150 ⁷³ 250 ⁷³ 350 ⁷³ 450. Plus full 6 mm RHM 38E plugs. Set mag timing to 25°. Dress and paint prop, service engine and accumulator. Service engine with Shell 50 wt. A.D. oil.
I CERTIFY THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DATE <u>7/11/83</u> TOTAL TIME <u>790.5</u> JOHN H. BACON A & P 11302455 ALTAIR AVIATION CORP. Beech Sales and Service Carson City Airport Telephone: 882-2018  <i>John H. Bacon</i> IA 11382455		
7/15/83	TACH 792.4	Replaced Airborn Dry Air Pump with new m/N 211cc S/N 2K-1340 Dry Air Pump, installed new Instrument Air filter. P/N 134-7
ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336  <i>Brian W. Blackgill</i> A&P 557866449		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8/6/83	TACH - 807.2	Installed new Prestolite ALU 8421R alternator, S/N P000056. <i>Robert J. Ballagh</i> A&P 518350966
ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336 		
9/12/83	TACH 839.3	50 HR INSPECTION complete, C/M AD 50-19-12 Visual inspection of engine mount. Replace all Rocker Box gaskets, check engine oil screen & filter Install new filter, Dress prop Service engine with AeroShell 50 wt. AD.
ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336  <i>Brian W. Blackgill</i> A&P 557866449		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10/28/82	TACH 690.0	Checked A.D. Through 82-21. C/W A.D. 80-19-12. dep. penetration inspection of lower engine mount tubes. C/W A.D. 82-20-01 & Bendix S.B. #623 inspection of impulse coupling on magnet. C/W 27855. C/W A.D. 82-11-05 by installing new distributor gear C/W 10-682014 in accordance with Bendix S.B. #617. Inspect & clean air filter inspect & replace oil filter. check compression #1 $\frac{7}{16}$ #2 $\frac{7}{16}$ #3 $\frac{7}{16}$ #4 $\frac{7}{16}$ set mag timing to 25° replace RH points C/W 10-382585. set LH points. Clean & gap top plugs replace lower plugs C/W RHM 38E service prop dome & accumulator, dress & paint prop service engine with shell 50wt. A.D. oil. Brian Bennett A&P #560372257
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DATE 10/28/82 TOTAL TIME 888.8		
ALTAIR AVIATION CORP.  Beech Sales and Service Carson City Airport Telephone: 882-2018		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11-23-82	Total Time 899.3	Performed Beech Service Instruction #1220 by drilling vent hole in breather line. Robert J. Gallagher A&P 8568350966
ALTAIR AVIATION CORP.  Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336		
3/22/83	TACH 739.6 T. 935.4	50 HR Inspection. Change oil & service with Aeroshell 50wt. A.D. clean oil screen. Change & check oil filter. Replace #3 intake gasket. clean air filter. Roger Marshall A&P 1980415
ALTAIR AVIATION CORP.  Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336		

INSPECTION & MAINTENANCE RECORD

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6/22/82	Tach 590.4	Check A.D. notes thru 82-12. C/W A.D. 80-19-12 dye penetrant check of lower engine mount tabs. Check and clean air filter, inspect & replace oil filter. Check compression 180 280 380 480. Set knock timing and points. Clean and gap plugs. Service prop dome and accumulator, dress and paint prop. Service engine with Shell 50 WT oil.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DATE 6/23/82 TOTAL TIME 790.2 JOHN H. BACON A & P 11302455 ALTAIR AVIATION CORP. Beech Sales and Service Carson City Airport Telephone: 882-2018  41.382455		

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/8/82	TACH 638.7	50 HOUR INSPECTION, CHECK OIL SCREENS & FILTERS. Replace filter new CH48103, CLEAN INDUCTOR AIR FILTER C/W AD 80-19-12 JISSOAL ENGINE MOUNT INSPECTION, Dress Prop Service engine with Aero Shell 50 WT A.D.
ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336  Brian W. Blodgett A & P 557866449		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3/5/82	Tach 491.7	Check A.D. notes thru 82-04. C/W A.D. 80-19-12
I CERTIFY THIS ENGINE	HAS BEEN	engine mount replaced with new unit
INSPECTED IN ACCORDANCE WITH AN		100 HOUR INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY		CONDITION.
DATE 3/5/82	TOTAL TIME 687.5	air filter and oil screen, inspect and replace oil
JOHN H. BACON	A & P 11302455	filter. Check compression 130 230 320 420.

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Beech Sales and Service

Carson City Airport

Telephone: 882-2018

Clean and gap spark plugs. Replace
magneto points to 10-352585, set points
and timing. Dress and paint prop
service prop drive and accumulator.
Service engine with Shell 50 WT. A.D. oil.

John H. Bacon
AIP 11382465

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3-10-82	TACH 496.7	INSTALLED OVERHAUL ALTERNATOR PN-ALU-8421
		2/N-631-1 TAG IN BACK OF BOOK
		ALTAIR AVIATION CORP.
		Beech Sales and Service
		Sacramento Executive Airport
		Telephone: 428-7336

W. G. J. Jr.
AIP 546902148

5/10/82	TACH 537.4	50 HOUR OIL CHANGE COMPLETE. INSPECT & REPAIR ENGINE
		OIL FILTER. INSPECT AND CLEAN SUCTION SCREEN & INDUCTION
		AIR FILTER. VISUAL INSPECTION OF ENGINE MOUNT PERFORMED
		AS PER AD 80-15-12. DRESS PROPS. SERVICE ENGINE WITH AERO
		SHELL 50 WT A.D.

Brian W. Bl. Dyett
AIP 557866449

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Sacramento Executive Airport

Telephone: 428-7336

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
I CERTIFY THIS <u>engine</u> HAS BEEN <u>9/25/81</u> COMPRESSION CHECK <u>① 75/80 ② 76/80 ③ 77/80 ④ 73/80</u>		
INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <u>TACH 392.2</u>		<u>oil and filter changed with ACROSHELL 100W, cleaned and gapped all spark plugs. #3 exhaust stack removed</u>
DATE <u>9/25/81</u> TOTAL TIME <u>588.0</u>		<u>re-welded at flange and re-installed. Oil pressure was found to be excessively high and was lowered</u>
ALTAIR AVIATION CORP. by removal of washers bearing oil pressure relief valve spring AP ^s checked thru 81-18 Beech Sales and Service Carson City Airport Telephone: 882-2018 <u>Brian F. Stearns ACP 517909442 IA</u>		
<u>12-2-81</u>	<u>TACH 439.3 HRS</u>	<u>50 HR OIL CHANGE ACCOMPLISHED, CHECKED</u>
	<u>TOTAL TIME 635.1 HRS</u>	<u>SCREEN, CHANGED OIL FILTER, TIGHTENED</u>
		<u>ALTERNATOR BELT, C/W 80-19-12 VISUAL INSPECTION</u>
		<u>ON ENGINE MOUNTS, SERVICED WITH AEROSHELL 100</u>
		<u>AND RUN-UP FOR LEAK CHECK.</u>
ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336 <u>Roger Marshall</u> <u>A+P 1980415</u>		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
<u>1-8-82</u>	<u>TACH 464.0</u>	<u>INSTALL REMANUFACTURED AIRCRAFT ALTERNATOR</u>
		<u>P/N ALU8421RS S/N 1050303. TAGS IN BACK OF BOOK</u>
		<u>Brian W. Blodgett</u>
		<u>A+P 557866445</u>
ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/14/81	Tach 291.8	Check A.D. ⁵ thru 81-09. C/W A.D. 76-09-0122.
I CERTIFY THIS ENGINE	HAS BEEN	inspect Bendix magneto S/N 27255 impulse
INSPECTED IN ACCORDANCE WITH AN		coupling I/A W Bendix S.B. 599A. C/W A.D.
100 HOUR	INSPECTION AND WAS	80-1942, dye penetrant insp. of lower
DETERMINED TO BE IN AN AIRWORTHY		engine lubricant tubes. Clean and insp.
CONDITION.		air filter & oil screen, inspect and
DATE 5/14/81	TOTAL TIME 487.10	replace oil filter. Check compression
JOHN H. BACON	A & P 11382455	120 230 350 450. Set mag timing.
ALTAR AVIATION CORP.		install 5 new RHM35E plugs.
Beech Sales and Service		Press and paint prop. Service
Carson City Airport		engine with Shell Sport. H.D. oil.
Telephone: 882-2015		John H. Bacon
		A & P 11382455



INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/15/81	TACH 340.0	50 HOUR INSPECTION COMPLETE. CHANGE
		ENGINE OIL AND OIL FILTER PIN CH48103
		INSPECT AND CLEAN INDUCTION AIR FILTER
		SERVICED WITH SHELL 50 WT. RD. DEC. DRESS
		ENGINE
		PROP. VISUALLY INSPECT MOTOR MOUNT.
		Brian W. Blodgett
		A & P 557866449
		ALTAR AVIATION CORP.
		Beech Sales and Service
		Carson City Executive Airport
		Telephone: 428-7336



INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10/30/80	Tach 154.0	Completed 50 hour oil change. Insp. & replaced oil filter. Serviced with Shell 50 wt. 80. Cleaned induction air filter. ALTAIR AVIATION CORP. <i>C. Russell</i> Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336 A&P 1914346
12/29/80	Tach 191.0	Check A.D. 80-25. C/W A.D. 80-19-12 dye penetrant insp. of lower engine mount tubes. Clean and inspect air filter, insp. and replace oil filter. Check compression 1 77 76 76 75 to 25. Clean and gap spark plugs. Service prop dome and accumulator. Dress and paint prop. ALTAIR AVIATION CORP. <i>John H. Bacon</i> Beech Sales and Service Carson City Airport Telephone: 882-2018 A & P 11382455

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3/11/81	Tach 240.2	Completed 50 hour oil change. Clean & insp oil screen & replaced filter. Reinstall muffler after repair. C/W AD. 80-19-12 (visual insp. eng. mounts). C. Russell ALTAIR AVIATION CORP. <i>A&P 1914346</i> Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336
4-1-81	TACH 255.6	REMOVE CARBURETOR PN 10-5230 & LDH-0-336 FOR FLOODING AT LOW R.P.M. REPLACE FLOAT LEVER PIN & BOWL COVER GASKET. NEW PIN PN 32-88 WAS USED. SET FLOAT LEVEL & ASSEMBLE CARB. INSTALL ON AC & TEST RUN. ALTAIR AVIATION CORP. <i>George O. Smith</i> Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336 A&P 379036

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INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
JUN 16 1980	185.05	annual inspection oil changed - filter changed - compression checked - clean fuel screens - clean & gap plugs - check mag points & timing - check prop dome & accumulator pressure
I certify that this engine airplane has been inspected in accordance with a annual 100 hour inspection and was determined to be in airworthy condition. Signed <u>Leland R. Smith</u> Title <u>Chief</u> Certified Repair Station #4308 UNITED BEECHCRAFT, INC. P. O. Box 62 WICHITA, KANSAS		
8/4/80	Tach 38.2	Completed 50 hour oil change, insp. & replaced oil filter. Cleaned air filter. Serviced with Shell 50 wt. AD. oil.
ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/16/80	Tach 92.7	Check A.D. thru 80-17. A.D. 80-17-14 Bendix magnets M/A, S.B. 605A and A.D. 79-18-06 previously accomplished OVS 1027855.
I CERTIFY THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100 HOUR</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.		
DATE 9/16/80	TACH 92.7	and replace oil filter. Check compression.
JOHN H. BACON	TOTAL TIME 180.5 A & P 11332455	78 75/75 75 180280380450. Check mag timing, clean and gap plugs. Dress and paint prop, service dome and accumulator. Service engine with Shell 50 wt A.D. oil. John H. Bacon A & P 11382455
ALTAIR AVIATION CORP. Beech Sales and Service Carson City Airport Telephone: 882-2018		

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
AD 79-16-06 8e-Dir SS 605A	MAGNETO	3-26-80 102:30	4u 27855 INSPECTION	1-TIME	—	Dean Harbuck 3-26-80 AUTH SIGNATURE DATE BEECH AIRCRAFT CORP. MMF3345 R. D. Olsen
12/1/80	Tack 230.9 C/W	AD 80-25-07	by inspection of Stewart Warner oil cooler Model 8406T Serial #12974. Installed required decal. Oil cooler required to be visually inspected prior to each flight. Russell			
			ALTAIR AVIATION CORP. A/P 1914346			
			 Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336			
AD 80-19-12	ENG. MOUNT	12/29/80 386.8	DYE PENETRANT INSP.	RECUR	436.8	John H. Bacon A/P 11382455
2/1/81	TACK Reads 215.5 C/W	AD 80-25-07	by installation of replacement of oil cooler new P/N 8406T S/N 16349			
			Brian W. Blodgett			
			A/P 557866449			
			ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport			
						

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ENGINE DESCRIPTION

MANUFACTURER LYCOMING MODEL 0-360-A1G6D
SERIAL NUMBER 27 230
1-22303-36A DATE OF MANUFACTURE 1979
RATED BHP _____ RPM _____ MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____