

Right Engine

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

N 67000

**ENGINE
MAINTENANCE
RECORDS**

[illegible]

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
				TOTALS brought forward from previous page
04/02/24			754.7	Removed RH starter assembly; Separated starter & Bendix drive; Removed failed starter Bendix & installed New EBB342A Bendix, MZ396 gear, & MZ326A drive shaft; Re-assembled starter & Bendix drive; Re-installed starter assembly & performed satisfactory ground engine run. AIRCRAFT RETURNED TO SERVICE Kellen Strader AEP 4260083 <i>K.R. Strader</i>
2024 16 MAY		755.5	1011.3	05/16/24 Crystal Aero Group – Crystal River, FL Beechcraft 76 N67000 Tach: 755.5 RTSMOH: 1011.3 Engine Annual completed this date using M/M & Checklist; Compressions: #1 = 72/80 #2 = 76/80 #3 = 72/80 #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; Performed ground run, all systems check okay & no leaks noted. Static: 275C RPM C/W Recurring AD(s): 80-19-12: Dye Penetrant Test OK – NEXT DUE: 855.5 (A) & 805.5 (B) 76-7-12: Switch Ops Chk CK – NEXT DUE: 805.5 855.5 I CERTIFY THAT THIS ENGINE 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>
				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
				TOTALS brought forward from previous page
05/28/24			757.8	Troubleshoot erroneous RH oil pressure indication; Tested serviceable oil pressure transmitters & cleaned signal wire/ground wire contacts; Re-secured ground clamp on transmitter; Performed Slight test, system check OK. AIRCRAFT RETURNED TO SERVICE Kellen Strader AEP 4260083 <i>K.R. Strader</i>
09/23/24			784.2	Removed intermittent RH mag capacitor; Installed Serviceable capacitor; Performed satisfactory ground run & mag check. AIRCRAFT RETURNED TO SERVICE Kellen Strader AEP 4260083 <i>K.R. Strader</i>
11/2/2024			805.1	50 HR. Inspection. Serviced with 8 qts phillips 100 AW. New oil filter AA48103-2. Work performed: <i>Julyana Hattfield</i> AEP Apprentice Work Inspected: <i>Little M. Crowell</i> AEP 1842723
04/21/25		1108.0	852.2	04/21/25 Crystal Aero Group – Crystal River, FL Beechcraft 76 N67000 Tach: 852.2 RTSMOH: 1108.0 Engine Annual completed this date using M/M & Checklist; Compressions: #1 = 70/80 #2 = 71/80 #3 = 70/80 #4 = 70/80 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; Tightened alternator belt; Performed ground run, all systems check okay & no leaks noted. Static: 2750 RPM I CERTIFY THAT THIS ENGINE 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
2022				TOTALS brought forward from previous page
18 MAR	3141.8	900.8	645.0	ANNUAL COMPLETED THIS DATE USING M/M & CHECKLIST; CHECKLIST OIL CHANGED & FILTER REPLACED NO METAL IN OLD FILTER 8QTS. AW100 & AA 48103-2 COMPRESSION CHECK #1. 74 #2. 78 #3. 78 #4. 78/80 REMOVED MAG. ADJUSTED POINTS. RETESTED & REPAIRED SCREWS IN BELLING - CLEANED & GAPPED & ROTATED PLUGS. TIGHTENED OIL DRAIN TUBES. CLEANED AIR FILTER DYE CHARGE 940 TSMOH. REMOVED & REPLACED OIL COOLER HOSES W/ 417-8D-0124 W/ 417-8D-0130 - NO LEAKS NOTED RUN-UP NORMAL STATIC. 2700 RPM I certify this engine has been inspected in accordance with an Annual inspection and found in an airworthy condition. Date 18 MAR 2022 Tach 645.0 Little M. Crowell - A&P/IA 1842723
08/01		663.1		Removed failed vacuum pump (P/N 212CW, S/N 12650); Installed overhauled vacuum pump (P/N 216CW, S/N 191297); Performed ground run, functions check okay & no leaks. AIRCRAFT RETURNED TO SERVICE Kellen Strader A&P Pending K.R. Strader
2023 27 FEB		642.3		50 HR. INSP. - CHANGED OIL ADDED 8QTS. AW100 - REPLACED AA 48103-2 OIL FILTER W/ NEW. NO METAL IN FILTER. GROUND RUN LEAK CHECK GOOD. J.L. Strader AP 353933T
				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 RTSMOH: 958.8 Engine Annual completed this date using M/M & Checklist; Compressions: #1 = 79/80 #2 = 78/80 #3 = 76/80 #4 = 78/80 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; Installed Repaired D4RN-3000 (S/N J259904G) magneto & timed @ 25* BTC - See Maxwell Magneto mtx release tag dated 03/03/23; Removed & re-installed propeller after Repair; Repaired broken ground wire from case to alternator rear attach bolt; Installed new alternator belt; Performed ground run, all systems check okay & no leaks noted. Static: 2750 RPM C/W Recurring AD(s): 80-19-12: Dye Penetrant Test OK - NEXT DUE: 803.0 76-7-12: Switch Ops Chk OK - NEXT DUE: 803.0 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND IN AN AIRWORTHY CONDITION. Little M. Crowell - A&P/IA 1842723
2024 04 JAN		741.0		REMOVED & REPLACED #1 CYLINDER EXH. RISER P/N B295-101. NEW GASKET & HARDWARE KIT BA77611 - RUN-UP TEST OK NO EXHAUST LEAKS. Little M. Crowell - A&P/IA 1842723
03/12/24	1005.9	750.1		Drained oil & installed New AA48103 Filter - NO METAL FOUND; Added 8qts. Phillips 100AW; Complied w/ 80-19-12 AD: 50 Hr. Visual Check OK. AIRCRAFT RETURNED TO SERVICE Kellen Strader A&P 4260083 K.R. Strader
				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
Right engine magneto base gasket leaking. — Magneto was removed. Base gasket replaced. Mag timed internally and to the engine. Run-up. Leak checked, Ops checked OK. Cylinder #2 oil return line is wet. Replace coupler. — Accomplished. Installed new oil return line coupler. Engine Log #2 is full. Start new log. — Noted				
TTA/C:	3014			
FLT HBBS:	1065			
	Left	Right		
TACH:	555	555		
SMOH:	810	810		
TTENG:	3057	3057		
PROP SMOH:	450	450		
PROP TT:	3057	3057		
SETD:	360	---		
				A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771
2020 3 NOV	3101.9	854.9	599.9	50 Hr INSPECTION COMPLETED. Changed oil SERVICED WITH BQTS AW100 Replaced FILTER AA48103-2 Run-up NO LEAKS NOTED—NO METAL IN OLD FILTER
2021 19 FEB	3115.8	868.8	613.8	Annual INSPECTION COMPLETED THIS DATE USING AVAL & CHECKLIST. OIL CHANGED & FILTER REPLACED NO METAL IN REMOVED FILTER Engine SERVICED BQTS AW100. NEW FILTER. Compression H. 78 #2. 78 43 TB #4. 70/80 500 Hr MAG. INSPECTION COMPLETED DUE 1113.8 TIMING SET 250
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

CONT →

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
19 FEB	3115.8	868.8	613.8	CONT. - cleaned & GAPPED PLUGS. REPLACED ALL INTAKE HOSES. REPLACED #2 CYL EXHAUST Gasket. SECURED OIL TEMP CANNON PLUG. Cleaned Paper Air Filter Fuel Sump. Cleaned AD 80-19-12 Rev1 C/W Dye CHECKED ENGINE MOUNT DUE 50 Hr. 613.8. NO LEAKS or Run-up
				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
				Signature: [Signature] AP184272 JA
2021 21 JUN			625.	Checked AND ADJUSTED RIGHT Eng MAG To 25° - OK
				Signature: [Signature] AP1842723
2021 23 JULY			630	Removed & Replaced RH starter MHB-4014 S/N A91114B - OP'S CHECKED GOOD
				Signature: [Signature] AP1842723
01/31/22			639.4	Removed magneto, set points, re-installed & timed to engine; Performed ground run - Ops check good & no leaks. AIRCRAFT RETURNED TO SERVICE Work Performed: Kellen Strader A&P Apprentice R.H. #116 Work Supervised: [Signature] AP1842723
2-10-22			644.5	Replaced Right magneto repaired with serviceable KA10-40074. mag check satisfactory 2 mag pos
				AP 2017263
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

ENGINE MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N67000

Engine Manufacturer Lycoming

Model L0-360-A1C6D

Serial No. L-382-71A

Date installed on aircraft 8-20-99

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

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



(All applicable information must be filled in)

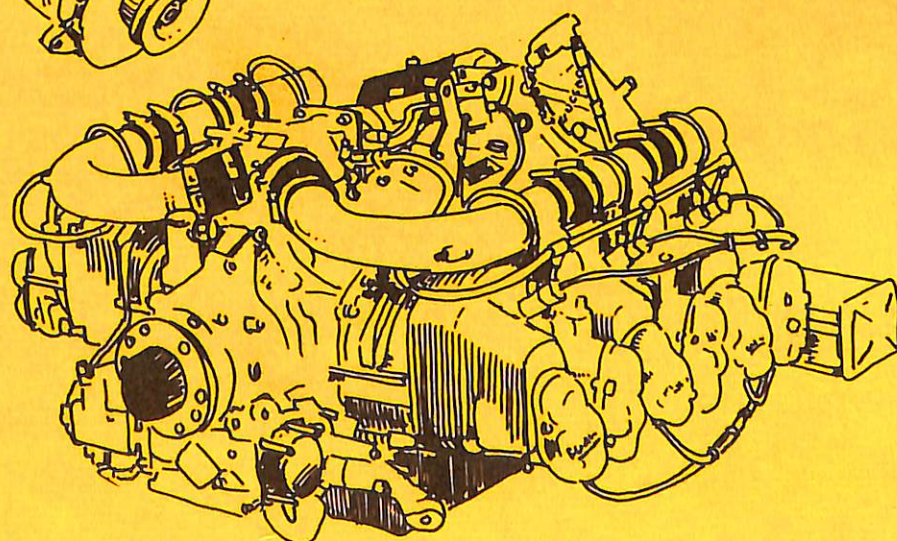
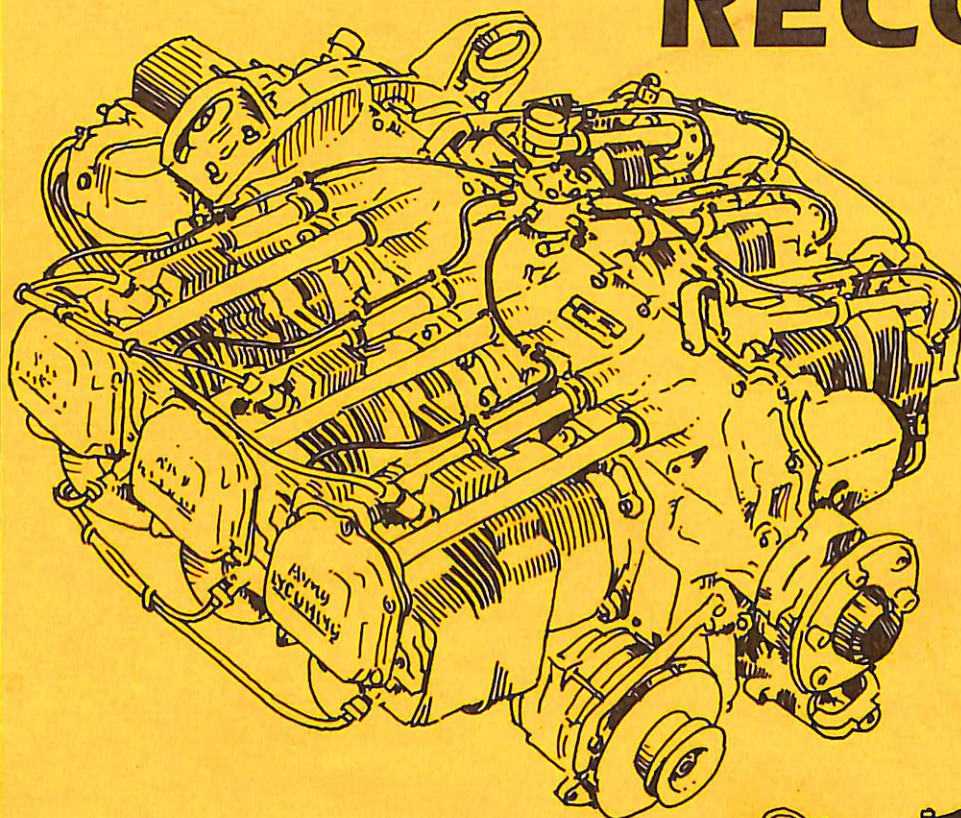
AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

Right Engine

N67000

ENGINE MAINTENANCE RECORDS



1-800 624-6680

(In NY 516-298-8330)

MATTITUCK AVIATION CORPORATION

410 AIRWAY DRIVE, MATTITUCK, NY 11952

DATE	TOTAL TIME IN SERVICE	TIME SINCE OVERHAUL	METER TIME	SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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8-8-19
 Right engine alternator is inop. — Removed from service alternator model ALU-8521R, s/n 9040626. Installed overhauled exchange same model new s/n H-T020070, see FAA form 8130-3, Hartzell Technologies WO# M533010. Run-up, ops checked OK. Cowl installed and aircraft released for service.

TTAC: 2969
 FLTHBBS: 1020
 MAINT HBBS: 503

TACH: 503 L 503 R
 SMOH: 758 758
 TTENG: 3005 3005
 PROP SMOH: 398 398
 PROP TT: 3005 3005
 SETD: 308 ---

2-13-2020 ROUTINE ANNUAL INSPECTION ACCOMPLISHED
 Compression Check: 1.) 75/80 2.) 74/80 3.) 75/80 4.) 74/80.
 Oil and Filter changed.

Spark Plugs: Cleaned, gapped, and rotated.

REOCCURRING RIGHT 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.

SUB-TOTALS this page				
TOTALS—Carry forward to next page				


 AE, P # 2134465

A & P AIRCRAFT MAINT. INC.
 MACARTHUR AIRPORT
 RONKONKOMA, N.Y. 11779
 631-588-7771

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2-13-2020
 TOTALS brought forward from previous page

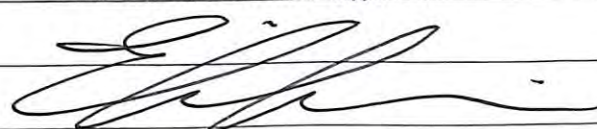
THE FOLLOWING CORRECTIVE ACTIONS WERE TAKEN:
 Check propeller dome pressure. — Accomplished.
 Check propeller accumulator pressure. — Accomplished.
 Replace relief vacuum in nacelle. — Accomplished.
 New filter element installed.

Exhaust has several slip joint bolts loose and or with missing cotter pins. — Tightened and replaced hardware as needed. Installed missing cotter pins.

TTA/C: 3001
 FLT Hobbs: 1052

	Left	Right	Right Engine
TACH:	539	539	
SMOH:	794	794	
TTENG:	3041	3041	
PROPSMOH:	434	434	
PROP TT:	3041	3041	
SETD:	344	---	
Heater Hobbs	1065.6		

I CERTIFY THAT THIS _____ HAS
 BEEN INSPECTED IN ACCORDANCE WITH AN
Annual INSPECTION AND DETERMINED
 TO BE IN AN AIRWORTHY CONDITION.

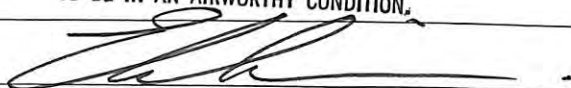

 I # 2134465

A & P AIRCRAFT MAINT. INC.
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See new Log #3
 Started 7-29-2020

SUB-TOTALS this page				
TOTALS—Carry forward to next page				

2134465

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
Flat box. - Replaced plug with new. Left new beeper attach bolt to engine missing above the load mount. - Installed hardware as needed. The Following (2) A/P's Need to be Added: Address A/P 2015-02-07 Lycoming engine with A or E at the end of serial number with front mount governor. See A/P for model with aerobetics kit. - DNA not installed A/P 2017-16-11 Lycoming engine connecting rod bearings. - DNA not installed.				
TTA/C:	2904			
FLT HOBS:	955			
TACH:	424	424		
SMDH:	679	679		
TT ENG:	2926	2926		
PROP SMDH:	319	319		
PR:				
12ight I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. 				

Right Engine

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	AUTHORIZED REPAIR FAA Form 8130-3, AIRWORTHINESS	
4. Organization Name and Address: Aerotech of Louisville, Inc. 2209 Watterson		
6. Item:	7. Description:	8. Part Number:
1	PRESTOLITE STARTER	MHB-4014
12. Remarks: This item was OVERHAULED by Aerotech W/O # 123437 Dated 30/September FAA Approved repair station number: 123456789 OVERHAULED unit per overhaul manual		

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
Routine Annual Inspection Accomplished Compression check - 1) 78/80 2) 75/80 3) 76/80 4) 74/80 Oil and filter changed Spark plugs - cleaned, gapped and rotated Recurring Regit Engine AID's are as follows AID 2004-10-14 Crawl gear inspection due at overhaul, prop stick, or sudden stop - Noted AID 84-26-02 Paper air filter due max use of 500 hours or on condition - Replaced with new at SMOT: 540, Due next SMOT 940, or on condition, max use of 500 hours. AID 90-04-6-R 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 Accumulator pressure needs to be checked - Accomplished Alternator forward and AFT attach bolts are loose - Shimmed and tightened as needed ITAC - 2944 FLTHOBBS 905				
	Left	Right		
TACH	469	469		
SMOT	724	724		
ITEN6	2971	2971		
PROPSMOT	364	364		
PROFIT	2971	2971		
SETO	274	-		
Heater Hobbs	1049.5			
I CERTIFY THAT THIS <u>Right Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A/P <u>Annual</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>[Signature]</i> IA# 2134465 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771				
SUB-TOTALS this page				
TOTALS—Carry forward				

Right

18125
Engine
I CERTIFY THAT THIS Engine HAS
Annual BEEN INSPECTED IN ACCORDANCE WITH A
INSPECTION AND DETERMINED
TO BE IN AN AIRWORTHY CONDITION.

IA# 2134465
A&B 15

A & P AIRCRAFT MAINT. INC.
MACARTHUR AIRPORT
RONKONKOMA, N.Y. 11779
631-588-7771

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TOTALS—Carry forward to page 2 of Form 990-BE.

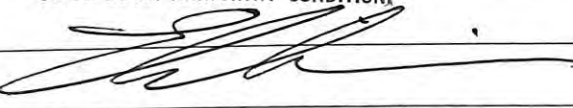
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-13-17				TOTALS brought forward from previous page
Flat box. - Replaced plug with new.				
Left rear baffle attach bolt to engine missing above the load mount. - Installed hardware as needed.				
The Following (2) AID'S Need to be Added: Addressed				
AID 2015-82-07 Lycoming engine with A or E at the end of serial number with front mount governor.				
See AID for model with aerobetics Kit. - DNA not installed.				
AID 2017-16-11 Lycoming engine connecting rod bearing. - DNA not installed.				
TTA/C:	2904			
FLT HOBBS:	955			
TACH:	424	424		
SMOH:	679	679		
TT ENG:	2926	2926		
PROP SMOH:	319	319		
PROP TT:	2926	2926		
HEATER HOBBS:	1033.4			
SETD:	229	-		
I CERTIFY THAT THIS <u>Right 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 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771				
SUB-TOTALS this page				

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11-19-18				TOTALS brought forward from previous page
Routine Annual Inspection Accomplished				
Compression check - 1.) 78/80 2.) 75/80 3.) 76/80 4.) 74/80				
Oil and filter changed				
Spark plugs - Cleaned, gapped and rotated				
Recurring Right Engine AID's are as follows				
AID 2004-10-14 Craggear inspection due at overhaul, prop stick, or sudden stop - Noted				
AID 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, or on condition, max use of 500 hours.				
AID 90-04-6-R 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				
Accumulator pressure needs to be checked - Accomplished				
Alternator forward and AFT attach bolts are loose - Shimmed and tightened as needed				
TTA/C:	2944			
FLT HOBBS:	945			
TACH:	469	469		
SMOH:	724	724		
TT ENG:	2971	2971		
PROP SMOH:	364	364		
PROP TT:	2971	2971		
SETD:	274	-		
Heater Hobs:	1049.5			
I CERTIFY THAT THIS <u>Right 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 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771				
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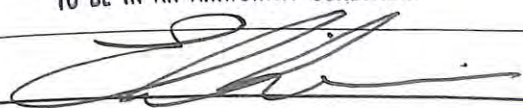
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7-27-16				TOTALS brought forward from previous page
				Routine Annual Inspection Accomplished Compression check - 1) 75/80 2) 74/80 3) 77/80 4) 75/80 Oil and filter changed Spark plugs - cleaned, gapped + rotated Reoccurring Right Engine AIO's are as follows AID 8004-10-19 Crankgear 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 The following corrective actions were taken Propeller dome pressure needs to be checked. - accomplished Prop accumulator pressure needs to be checked - accomplished Cylinder # 1 and #3 oil return line leak at coupler - Replaced both oil line couplers with new. ITAC - 2870 FLT Hobbs - 921
				Right engine has been inspected in accordance with Annual Inspection and determined to be in an Airworthy Condition.
				Signature: [Handwritten Signature]
				IA # 2134468
				A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779
				631-588-7771
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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10-13-17				TOTALS brought forward from previous page
				Routine Annual Inspection Accomplished Compression Check: 1.) 75/80, 2.) 75/80, 3.) 72/80, 4.) 77/80 Oil and Filter Changed Spark plugs: Cleaned, gapped and rotated Recommending Right 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 Prop air filter due MAX use of 500 hours. - Replaced with new at SMOH: 540. Due next SMOH: 940 hours or on condition, more use of 500 hours. 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 Propeller dome pressure needs to be checked. - Accomplished. Prop accumulator pressure needs to be checked. - Accomplished. Alternator cooling duct has holes from age. - Replaced duct with new. Starter drive bendix teeth are half ground away. - Replaced starter with overhauled exchange, see FAA form 8130-3 Airtach WO # 123437. Installed MHB-4014 starter SIN F052995. Transferred nose assembly with TACH pick up from old starter to replacement. Prop governor cable attach rod end bearing is worn. - Replaced rod end bearing with new. Cylinder # 2 bottom spark plug would not fire on
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

Page No. _____

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
2-4-2014				TOTALS brought forward from previous page
Ignition wire cylinder #4 top is frayed at the "B" nut — Disassembled and cut back ignition wire end. Assembled and attached to spark plug.				
Both the propeller and accumulator pressure needs to be checked. — Serviced both.				
Replacement of the paper induction air filter is due per time requirements of A/D 84-26-2 — Installed new induction air filter due next 500 hours or on condition.				
TTA/C:	2793			
FLT HOBBS:	844			
TACH:	285	R 285		
SMDH:	540	540		
TTENG:	2793	2793		
PROP SMOH:	179	301		
PROP TT:	2793	2793		
HEATER HOBBS:	1009			
I CERTIFY THAT THIS <u>Right 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				
3-25-15				
Routine Annual Inspection Accomplished				
Compression Check: 1.) 72/80, 2.) 70/80, 3.) 72/80, 4.) 70/80				
Oil and Filter Changed				
Spark Plugs: Cleaned, Gapped and Rotated				
Reoccurring Right Engine A/D's 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				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

Page No. _____

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
hours or on condition, or max use 500 hours.				
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				
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.				
#3 Exhaust riser pipe is leaking at the slip joint and the bolts supporting the slip joint are rusted and bent. — Replaced with new exhaust hardware as needed inclusive of (3) each slip joint springs and (1) each exhaust gasket.				
Cylinder #4 intake pipe is bent soaked from the exhaust riser pipe. Paint fell off, pipe is rusted, needs glass bead, prime and paint. — Accomplished. New intake pipe gasket installed with pipe.				
Cylinder #3 oil return coupler leaking. — Found clamped loose. — Tightened.				
TTA/C:	2850			
FLT HOBBS:	901			
TACH:	348	348 R		
SMOH:	603	603		
TTENG:	2850	2850		
PROP SMOH:	243	364		
PROP TT:	2850	2850		
HEATER HOBBS:	1025.7			
SETD:	153			
I CERTIFY THAT THIS <u>Right 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
12-3-12				TOTALS brought forward from previous page
				Spark plugs are worn to their service limit - Replaced all eight spark plugs with new.
				Throttle attach arm found loose on carburetor shaft - Resealed throttle arm and tightened nut.
				Carburetor head dist needs chafe pad where it rides through the engine mount. - Installed
				Rocker box cover gaskets leak cylinders #1 + #2 install permanent silicon type - Removed covers, cleaned cylinder heads. Replaced with 2 permanent silicon type gaskets.
				Check propeller dome and accumulator pressures - Accomplished
				Oil relief line couplers are leaking cylinders #2 + #4 - Replaced both couplers with new.
				Cylinder #1 exhaust valve spring is broken - Removed valve retainers to gain access to broken spring. Replaced spring, installed valve retainers.
				Engine oil temp spikes to full hot intermittently = Found broken wiring in Cannon plug, repaired as needed. ops checked ok.
				The following (3) AID's need to be added and addressed
				AID 2012-19-01 Supersedes AID 2006-20-09 Lycoming O-360/390/540/580/720 series as listed with crankshaft replaced after 1-1-97, - DNA not installed
				AID 2012-03-06C Superior and Lycoming engines with AV star fuel servo diaphragm - DNA not installed
				AID 2012-03-07 Lycoming engines with HA-4 carburetor machined from billet - DNA not 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
12-3-12				TOTALS brought forward from previous page
ITAC -	8739			
FLT Hubs -	790			
	2	2		
TACH	217	217		
SMOH	472	472		
ITCn6 -	2728	2728		
PropSMOH -	111	233		
PropTI -	2728	2728		
Heater Hubs -	972			
SetID -	111			
				Right Engine I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>[Signature]</i> IA # 213465 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771
2-4-2014				Routine Right Engine Annual Inspection Accomplished Compression check: 1) 75/80 2) 74/80 3) 74/80 4) 75/80 Oil and filter changed Spark plugs: Cleaned, gapped and rotated Carburetor air filter replaced Reoccurring Right 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. AID 90-0406-R1 Prop governor line and fitting due at overhaul or whenever lines and fittings are done - Noted. The Following Right Engine Corrective Actions were Taken: Mixture attach bolt / rod end bearing has too much free play. Disconnect, inspect and repair - Inspector finds bolt and rod end bearing ok. Re-connected and tightened castellated nut on additional flat
				SUB-TOTALS this 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
				Propeller dome nitrogen charge needs to be serviced - Accomplished
				Propeller accumulator nitrogen charge needs to be serviced - Accomplished
				Rocker box cover gaskets leaking #3 and #4. - Removed existing cork gasket. Cleaned cylinder head and cover. Installed permanent silicon gasket. Installed covers, leak checked on run up, OK
				Cylinders #1 and #2 intake pipe flange gaskets are leaking fuel. - Removed both intake pipes, inspected flange and neck. Installed two new base gaskets, leak checked on run up, OK
				Side AFT baffle broken @ air filter mount, AFT, outboard corner - Removed baffles, sheet metal repair accomplished, installed.
				Air filter orange seal needs to be glued. - Accomplished
				The following (1) AID needs to be added and addressed
				AID 2011-15-10 Superior and dyconing engines. with AV-Star fuel servo diaphragm - DNA no work done by AV-star
				TIAIC - 2631
				FLT Hobbs - 682
	L	R		
TACH	105	105		
SMOH	360	360		
ITENG	2616	2614		
PropSMOH	2-PRD	R1		
PropTI	2614	2614		
Heater Hobbs	950.7			
SETD	2CR4			
				I CERTIFY THAT THIS <u>Right Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A & P AIRCRAFT MAINT. INC. INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>[Signature]</i> T A # 2134461 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771
SUB-TOTALS this page				631-588-7771
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
7-12-12				TOTALS brought forward from previous page
				Change engine oil and filter. Cut open and inspect old filter. Accomplished, serviced engine with 8 quarts of Shell 15/50 oil and a new Champion 103 filter. Inspection of old filter found clean.
				TIAIC - 2691
				FLT Hobbs - 742
	L	R		
TACH	164	164		
SMOH	419	419		
ITENG	2675	2675		
PropSMOH	59	180		
PropTI	2675	2675		
SETD	59	-		
				<i>[Signature]</i> A & P # 2134461 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) 73/80 4) 73/80
				Oil and filter changed
				Rechecking Right Engine AID's as follows
				AID 2004-10-14 Change inspection due at overhaul, prop struck, 01 sudden stop - Noted
				AID 84-26-2 Paper air filter due max use of 500 hours - Replaced with new @ SMOH-50. Due next SMOH-530 hours or on condition
				AID 90-04-06-R1 Prop governor line and fitting due at overhaul or whenever lines and fitting are done - Noted
				The following corrective actions were taken
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 Accomplished Compression check - 1) 75/80 2) 74/80 3) 74/80 4) 76/80 oil and filter changed Spark plugs: Cleaned, gapped and rotated <u>Reoccurring Right Engine AID's are as follows -</u> AID 2004-10-14 Crack repair 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. Due next SMOH: 550 or in 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 Spark plug ceramic cracked #2 top cylinder - Replaced spark plug with new Rock box covers leaking cylinder # 2, 3, and 4 - Removed all three covers. Cleaned cylinder head and cover installed three rocker box covers gaskets EGT temp wire harness needs to be secured - Accomplished Check prop dome and accumulator air charge - Accomplished, serviced per manufacturer specs The following C/AIP needs to be added and addressed 1 AID 2009-26-12 ECI cylinders on Lycoming engines SUPERSEDES AID 2008-19-05 - DNA not installed ITAC - 2549 FLT HOBBS 400 L R TACH - 93 93 SMOH - 281 281 TEMP - 2537 2537 C/AIP SMOH 42 42 PROP T. 2537 2537 SPD 917.3 - A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONOMA, N.Y. 11779 631-588-7771 I CERTIFY THAT THIS <u>Right Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. <u>[Signature]</u> JA # 213465 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
7-14-09				TOTALS brought forward from previous page
				on whenever lines and fittings are done - Noted
				The following corrective actions were taken
				Relief instrument filter on the nacelle needs to be replaced. -
				Installed new.
				Prop governor accumulator needs to be pressure checked and serviced -
				accomplished
				Propeller cone charge needs to be serviced and pressure checked
				accomplished
				Check security and engagement of the throttle arm sensation to
				the fuel control. Pilot experienced, disconnected in flight. Disconnected
				throttle cable to carburetor and found throttle lever smooth. Inspected
				carburetor and found outboard arm loose on carburetor and
				serated teeth sheared. Removed carburetor and sent to Penn Yan for
				repaired. See FAA form 8130-3. Repaired carburetor under WO#
				28872. Returned carburetor with new arm, installed new outer
				arm. Checked operation, found smooth. Ground run, leak checked OK.
				Cylinder #3 rocker box cover gasket is leaking - removed cover
				cleaned cylinder head. Installed new dyconing gasket.
				End cap of muffler right side has large - muffler removed and
				sent to Dawley Aviation for repair/overhaul. See yellow tag WO#: 99260.
				Muffler overhauled, returned and installed with (4) new dyconing blo
				proof gaskets and new riser stud washers
				CIT indicator is in op, check probe - removed probe, cleaned
				end. Checked with external heat, indicator worked. Installed probe
				Ops checked on run up, OK
				EGT indicator does not come up and correspond with
				actual exhaust temperature. - Installed EGT new probe. Ops checked
				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
8-11-08				TOTALS brought forward from previous page
				Routine Annual Inspection Accomplished
				Compression check- 1) 75/80 2) 73/80 3) 72/80 4) 75/80
				Oil and filter changed
				Spark plugs: Cleaned, gapped and rotated
				Re-occurring Right Engine AID are as follows.
				AID 2004-10-14 Crankgear inspection due @ overhaul, prop strike or sudden stop. - Noted
				AID 2005-12-08 Bendix mag impulse coupling due @ 500 hours - Due next @ SMOH: 500 hours - Note this AID no longer applies to this engine model. In the interest of safety it is recommended to accomplish AID
				AID 84-26-2 Paper air filter due max use of 500 hours Replaced with new at TACH: 732. Due next TACH: 444
				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
				Check governor accumulator pressure - Accomplished
				Torque check governor attach nuts, area is wet with oil - Accomplished
				Carburetor drain hose to aluminum "Y" pipe is cracked from age. - Installed new drain hose
				Exhaust gasket blown out #1 and #2 cylinders. Replace all four with solid blo-proof - Accomplished, installed four new dycoming solid blo proof exhaust gasket and new riser stud washers
				Cylinder #3 rocker box cover gasket is leaking - Removed cover, cleaned cylinder head and cover. Installed new dycoming gaskets
				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
8-11-08				TOTALS brought forward from previous page
				Vacuum pump is sheared - Replaced pump with overhauled exchange pump. See yellow tag Holly Aero. Removed 212CW pump serial number 11M 7677 and installed serial number 12650
				The following (1) AID needs to be added and addressed
				AID 2007-04-19 Continental and Lycoming engine with Superior cylinders as listed - DANA not installed
				TACH: 2444
				HOURS: 490
				Left Right
				TACH 2200 2200
				SMOH 188 188
				TACH 2444 2444
				Prop SMOH 2200 2200
				Prop TACH 2444 2444
				Hours: 891.6
7-14-09				Routine Annual Inspection Accomplished
				Compression check- 1) 74/80 2) 75/80 3) 74/80 4) 72/80
				Oil and filter changed
				Spark plugs: Cleaned, gapped + rotated
				Re-occurring Right Engine AID's are as follows
				AID 2004-10-14 Crankgear inspection due @ overhaul, prop strike or sudden stop. - Noted
				AID 84-26-2 Paper air filter due max use of 500 hours. - Replaced with new at TACH: 732. Due next TACH: 444
				AID 90-04-06 R1 Prop governor line and fitting due @ overhaul
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

I CERTIFY THAT THIS Right Engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Chad
2134465

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
				Compliance of Lycoming Service Bulletin #565 diaphragm type fuel pump needs to be accomplished -DNA by manufacturer code
				The following(10) AID's need to be added and addressed
				AID 2002-12-07 Oil filter converter plate gasket replacement
				NOTE-Supersedes AID 2000-18-53. -Complied with last 12-11-00
				@TTAIC:2292
				AID 2003-14-03 Supersedes AID 98-18-12 Crane/Hess Romeo "AN" 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 2005-12-16 Supersedes AID 96-12-07 Bendix/TCH 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 Lycoming crankshaft failure O-360/AE10, 10, L10, LO 0540/AE10, 10, T10, N/R10 after March 1, 1999 or had crankshaft installed after 3-1-99. -DNA by S/N: V341 of crankshaft installed by Mattituck @ time of overhaul
				AID 2006-12-07 Supersedes AID 2005-26-10 ECI cylinders - DNA not installed.
				AID 2006-06-16 Lycoming engine crankshafts installed after March 1, 1999 AE10, 10, O, L10, LO-360, see serial number -DNA by S/N: V341 of crankshaft installed by Mattituck @ time of overhaul
				AID 2006-10-21 Lycoming 360/540 series engine with ECI connecting rods installed January 2002-January 2004. -
				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
DNA not installed				
AID 2006-20-09 Lycoming O-360/540/580/720 series engines				
DNA by crankshaft SN: V341 installed by Mattituck @ time of overhaul.				
ITAC - 2353				
HOBBS - 399				
	Left	Right		
TACH	780	780		
SMDH	98	98		
ITENG - 2353		2353		
PROP SMDH - 1052		1052		
PROP IT - 2353		2353		
Heater Hobbs - 858.9				
6/26/07				Engine propeller went into feather on take off roll - Troubleshoot and determine cause of engine feather. Determined prop governor failed. Removed and sent to New England Propeller for evaluation and overhaul, determined unit failed internally and overhauled and replaced valve assembly and relief valve plungers in addition to overhaul. Returned unit installed new oil filter. Replenished loss oil. Run-up, op's checked okay. See log sticker N.E.P. WOH: CR33682.
ITAC: 2353				
FLT HOBBS: -399				
	Left	Right		
TACH	780	780		
SMDH	98	98		
ITENG - 2353		2353		
Prop SMDH - 1052		1052		
Prop IT - 2353		2353		

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
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 Right Engine A/D's are as follows:				
A/D 91-14-22 Crankgear inspection due e ov/hl, prop strike or sudden stop. Noted				
A/D 96-12-7 Bendix mag impulse coupling due e 500 hrs. Due next e SMOH: 500 hrs.				
A/D 84-26-2 Paper air filter due max use 500 hrs. Replaced w/ new Tach: 732.				
Rt. engine nacelle relief instrument filter needs to be replaced due to age. Accomplished.				
Exhaust gasket #1 cylinder is blown & needs to be replaced. Accomplished.				
Installed new crush type gasket + new exhaust stud nuts + lock washers.				
All (4) rocker box cover gaskets are leaking. Retorque all (4) cylinder rocker box covers hardware. Accomplished.				
Exhaust gasket #2 cylinder is blown out. Accomplished. Installed new crush type gasket + new exhaust stud nuts + lock washers.				
Hobbs: 378				
TTC: 2332				
Tach: 763				
SMOH 81 RT 81				
91 Eng 2332 2332				
Prop SMOH 1035 1035				
Prop TTC 2332 2332				
Heater Hobbs: 858.6				
				Right Engine I CERTIFY THAT THIS HAS BEEN INSPECTED IN ACCORDANCE WITH A N Annual INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>[Signature]</i> IA # 213465 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779
SUB-TOTALS this page				631-588-7771
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
3-8-01				TOTALS brought forward from previous page
				Routine Annual Inspection Accomplished
				Compression check - 1.) 75/80 2.) 74/80 3.) 74/80 4.) 75/80
				Oil and filter changed
				Spark Plugs: Cleaned, gapped and rotated.
				Re-Occurring Right Engine A/D'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 switch due @ 500 hours. - Due next @ SMOH: 500. Note: This AID 2005-12-06 Bendix mag impulse coupling no longer applies to this model engine. - 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 TACH-732
				AID 90-04-12-R1 Prop governor line and fittings due @ overhaul or whenever line and fittings are removed - Noted.
				The following corrective actions were taken
				Welded shield on the right side muffler has two-inch crack. Muffler assembly removed. Shield disassembled and sent out for weld repair. Welded, installed, and installed muffler with four new exhaust gaskets.
				Check nitrogen charge on propeller dome. - Accomplished. Serviced to pressure on chart.
				Check nitrogen on governor - Accomplished. Serviced to pressure on chart.
				Compliance of Lycoming Service Bulletin #548 A diaphragm type fuel pumps needs to be accomplished - DNA by date code
				SUB-TOTALS this 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
12/11/00				TOTALS brought forward from previous page
ROUTINE ANNUAL INSPECTION ACCOMPLISHED				
COMPRESSORS: 1) 78/80, 2) 78/80 2) 78/80 4) 78/80				
OIL CHANGED, FILTER CHANGED				
SPARK PLUGS CLEANED, GAPPED & ROTATED				
RE-OCCURRING RT ENGINE A/D'S ARE AS FOLLOWS:				
A/D 91-K-22 CRANK GEAR INSPECTION DUE @ O/H, PROP STRIKE OR SUDDEN STOP. NOTED.				
A/D 96-12-7 BENDIX MAG IMPULSE COUPLING DUE @ 500 HRS. DUE NEXT @ SMOH: 500 HRS.				
A/D 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) CYLINDER 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 PUMP HAS NO QUICK DRAIN. INSTALLED NEW OIL QUICK DRAIN.				
A/D 2000-18-53 OIL FILTER CONVERTER PLATE GASKET REPLACEMENT. C/W BY BODY OF A/D & S/B 543 A w/ NEW PERMANENT GASKET.				
ENGINE INTRODUCTION 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 TACH:	2292			
TACH:	732			
SMOH:	41	RT 41		
PI ENG:	2292	2292		
PROP SMOH:	995	995		
PROP PI:	2292	2292		
HEATER HOBBS:	843			
				Right I CERTIFY THAT THIS <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 # 213465 A & P AIRCRAFT MAINT. INC. MACARTHUR AIRPORT RONKONKOMA, N.Y. 11779 631-588-7771
				SUB-TOTALS this page
				TOTALS—Carry forward to

This is to certify that the engine described hereafter has been overhauled to manufacturer's new part limits by Mattituck Airbase, Inc.
Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. All Applicable Airworthiness Directives are in compliance. The engine, with respect to the work performed is airworthy and approved for return to service. A description of these repairs is on file at this agency under:

JOB NO. 15417 DATED 16 June 99
MFG. Lycoming MODEL LO-360-A1G6D
Serial No. L-382-71A Time in svc. 2257 Hrs



MATTITUCK AIRBASE, Inc.
FAA REPAIR STATION # QX2R125L
AIRWAY DRIVE, MATTITUCK NY 11952

Michael P. Russell
Authorized Signature

The accessories listed below were overhauled by Mattituck Airbase, Inc. in accordance with applicable manufacturer's service & parts manuals and installed on the engine:

Item	Part No.	Serial No.
STARTER	MHB-4016	1082982
CARB	10-5230	DH-O-382

MATTITUCK AIRBASE, INC.
FAA Repair Station QX2R125L
W.O. No. 15417 Date 16 June 99



The accessories listed below were New or Overhauled as indicated in the status column and installed on the engine. Overhaul records for these overhauled accessories are in an envelope in the back of this logbook.

Item	Part No.	Serial No.	Status
MAG	10-682555-14	D199915GR	O
Fuel pump	LWS-16335		N

Michael P. Russell
Authorized Signature

SUB-TOTALS this page

TOTALS—Carry forward to next page

8-20-99

Page No. _____

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
				TOTALS brought forward from previous page
				Remove engine send to Mattituck for major overhaul which includes all accessories except alternator. Installed removed engine Mattituck wo# 15417 make: Lycoming model: LO-360-A1G6D S/N: L-382-71A.
				Install exchanged overhauled alternator, Accomplished see FAA form 8130-3 installed Electro system alternator AL48421R S/N: 9040626.
				Remove propeller do not send out for overhaul. Accomplished, installed with overhauled engine.
				Remove prop governor do not send out for overhaul. Accomplished, installed with overhauled engine.
				Remove oil cooler send with engine for clean-flush-pressure check. Accomplished, see Mattituck white tag # 15417.
				Install new fuel + oil line kit, accomplished. Purchased thru Mattituck.
				Install new engine mounts, accomplished purchased thru Mattituck.
				Install new engine mount bolts. Accomplished.
				Install new engine mount nuts, accomplished.
				Install mineral oil for break in, accomplished.
				Install new air ducts, accomplished.
				Torques stripe all engine mount bolts + nut, accomplished.
				Torques stripe all fuel + oil lines, accomplished.
				Clean-repair-paint engine baffles replace seals as required accomplished.
				Remove-charge-clean-install battery if necessary, accomplished.
				Run-up leak check engine. Accomplished.
				Routine Annual inspection accomplished.
				SUB-TOTALS this page
				TOTALS

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.



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

Work Order No. 15417

Engine Serial No. L-382-71A

ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N67000

Engine Manufacturer Lycoming

Model L-360-A166D

Serial No. L-382-71A

Date installed on aircraft 8-20-99

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ Right

☐ Left

☐ Front

☐ Rear

ENGINE LOG
EF5-1

10-11-1954

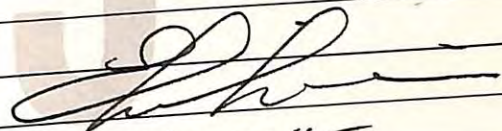
10-11-1954

10-11-1954

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-24-96	2224.7	Tach time 668.6 Annual inspection completed. Comp OK 1 ^{77/80} , 2 ^{74/80} , 3 ^{77/80} , 4 ^{75/80} . Changed oil and filter. Serviced engine with Shell 15W-50. Re-timed mag to engine. Repaired left rear wobble. Reinstalled muffler after repair. Installed rebuilt starter
DATE 6-24-96 TOTAL TIME 2224.7		
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN		
INSPECTED IN ACCORDANCE WITH A <u>Annual</u>		
INSPECTION AND WAS DETERMINED TO BE IN		
AIRWORTHY CONDITION.		
M. Brown		
ALP2028525IA		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
APRIL	19, 1999	
		Removed TH's Engine in the Right
		Wing POSITION Lycoming
		MODEL: L-360-A166D
		S/N: L-382-71A
		AND Sent to MATITUDE for MAJOR overhaul
	TT A/C: 2257	 ALP #213465
	TACH: 701	
	TT Eng: 2257	
A & P AIRCRAFT MAINT. INC. BROOKHAVEN AIRPORT SHIRLEY, N.Y. 11967 516-281-7801		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-10-93		Tach time 430.6 Replaced and bearing in starter W. Brown A&P 2028520
11-24-93	2015-7	Tach hourmeter - 459.6 Hobbs hourmeter - 00-0 Annual Inspection completed. 74/80 72/80 76/80 74/80 Changed oil & filter. Serviced engine with Aeroshell 15w50 Replaced rod end on governor control cable. Tightened loose hardware on starter. Replaced deteriorated hardware on exhaust pipes. AD 90-04-06 R1 Replaced prop gov. oil line with new part No LW12920. AD 81-18-04 R2 Oil pump gears. NA due to eng Model No. DATE 11-24-93 TOTAL TIME 2015-7 I CERTIFY THAT THIS Eng. HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Greg Thompson AIP 565218086 IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-20-95	2098.4	Annual inspection completed. 74/80 74/80 72/80 74/80 Tach = 542.3 Changed oil & filter. Serviced engine with Aeroshell 15w50. Repaired spark plug lead to cyl 1B. Replaced alternator drive belt. AD 78-09-07 complied with. Replaced imp. coupl. cam assy with new 10-400166-7, & new 10-51324 spring. Replaced both points. (Mag. PN - 10-382555-14, OLRN 2021) 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. Greg Thompson AIP 565218086 IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		DATE <u>12-6-88</u> TOTAL TIME <u>1686.7</u> I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>M. Brown AIP 2028525</u>
<u>1-23-90</u>	<u>1,811.1</u>	<u>Hour meter 566.2 Annual inspection completed.</u> <u>Comp Ck 1 ⁷⁸/₈₀, 2 ⁷⁶/₈₀, 3 ⁷⁹/₈₀, 4 ⁷⁴/₈₀. Changed oil</u> <u>and filter. Serviced engine with Shell 15W-50.</u> <u>Replaced gasket on #2 intake pipe. Replaced gasket</u> <u>on oil filter tube.</u>
		DATE <u>1-23-90</u> TOTAL TIME <u>1811.1</u> I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>M. Brown AIP 2028525 IA</u>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
<u>4-25-91</u>	<u>1917.0</u>	<u>Annual insp. completed. Changed oil &</u> <u>filter. Serviced engine with Aeroshell 15W-50.</u> <u>Retimed mags. Replaced all intake hoses</u> <u>and gaskets. Replaced all M2929 plug lead</u> <u>end springs. Comp ck 1 ⁷⁵/₈₀, 2 ⁷⁸/₈₀, 3 ⁷⁹/₈₀, 4 ⁷⁸/₈₀</u>
<u>Hour Meter</u>	<u>672.1</u>	
		DATE <u>4-25-91</u> TOTAL TIME <u>1917.0</u> I CERTIFY THAT THIS <u>Eng.</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Doug Thompson AIP 565218686 IA</u>
		<u>Mountain Aire Aviation, Inc.</u> <u>22361 S. Airport Rd.</u> <u>Sonora, CA 95370</u>
<u>10-15-92</u>	<u>1952.2</u>	<u>Annual inspection completed. Changed oil &</u> <u>filter. Serviced engine with Aeroshell 15W-50.</u> <u>Replaced rocker cover gaskets on cyls 2 & 4.</u> <u>Comp. Ck. - ¹/₄ ²/₄ ³/₄ ⁴/₄</u>
<u>Hour Meter</u>	<u>707.3</u>	
		DATE <u>10-15-92</u> TOTAL TIME <u>1952.2</u> I CERTIFY THAT THIS <u>Eng.</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN <u>Doug Thompson AIP 565218686 IA</u>

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 H 74 A 72 #73/280 #4 74/80. CLEAN & GAP SPARK PLUGS & INSTALL 2 NEW PLUGS ON RT MAG. REPLACE STARTER WITH REBUILT UNIT BY ELECTROSYSTEMS INC. P/N MHB 4014R S/N 7090983. REPLACE RING GEAR ON PULLEY SUPPORT (DONE BY SKY RANCH). CHANGE OIL & OIL FILTER. CLEAN OIL SCREEN (CARTRIDGE) ADD 8 QTS. 15W-50 SHELL OIL. COMPLY A.D. 78-09-07 BY INSTALLING NEW IMPULSIE COUPLING P/N 10-382758. CHECK A.P. NOTICE THROUGH 78-19. I CERTIFY THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE 10/20/87 TOTAL TIME 1598.2 JA 379036
ALTAR 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.
7-15-88	347.2	INSTALLED OVERHAULED PRESTOLITE ALTERNATOR P/N ALU 8421RS S/N 805883 (SEE TAG BACK OF BOOK) ES # 1613 J. H. Hunk 506926433
ALTAR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336		
12-6-88	1686.7	Hour meter 441.8 100 hour insp. completed Comp. Ck. 1 78/80, 2 78/80, 3 78/80, 4 75/80. Changed oil and filter. Serviced engine with Shell 15W-50. Installed 8 new RHM 38E spark plugs. Replaced all fuel and oil hoses with new assy's. Installed new gaskets on all rocker covers. Complied with §1435 by installing steel fitting on prop governor oil line. - Continued -

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/15/85	Tach 151.0	Check A.D. notes thru 85-16. inspect and clean air filter, inspect and replace oil filter. Check compression 124 20 24 21 180 280 380 480. Clean and gap all spark plugs. Set mag timing and breaker gaps. Dress and paint fairs, service dome and accumulator. Service engine with Shell
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.		
DATE 9/15/85	TOTAL TIME 1396.1	
JOHN H. BACON	A & P 11382455	

ALTAIR AVIATION CORP. 50WT. A.D. oil.



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

John H. Bacon
FA 11382455

12/16/85 TACH 186.6 REPLACE OIL WITH 15W-50N
SHELL OIL.

ALTAIR AVIATION CORP.



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

George Smith
A & P 379036

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-26-86	Hobbs 261.0 T-7. 1506.1	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!
DRAINED oil, Replaced oil filter Serviced with 8 Qt Shell 50WT. Cleaned, Papped, & Rotated SPARK Plugs. Replaced 1 SPARK Plug with RHM 388. Comp. 176/80 277/80 376/80 478/80. Reset MAG. timing. Checked A-85. thru 86-18		
Curt Pittman Curt Pittman A&P 5561709797A.		

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. note thru 85-03. C/M A.D. 80-19-12dip fractured back of lower engine mount. Replaced with 1345.1. C/M A.D. 84-26-02. Replace air filter with new 125-38000-3 insp. & replace oil filter. Check compression 125-38000-3 install 8 new RPM 38E spark plugs. Replace rt slt mag breaker assy. Time in shop 1 hr. engine. Propeller C/M and C/M A.D. 77-12-00 accomplished by American Propeller Service (see prop log book). Replace pneumatic pump with new 212cm SA 111M 7677. Service engine with Shell 50 wt. A.O. 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 3/12/85 TOTAL TIME 1295.1 JOHN H. BACON A & P 11202455		
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.
6/21/85	TACH. 100.3	50 HR. OIL CHANGE. INSPECTED AND REPLACED OIL FILTER. CLEANED & INSPECTED AIR INDUCTION FILTER. UPON INSPECTION OF ENGINE MOUNT (A.D. 80-19-12 R1), IT WAS FOUND TO BE CRACKED. REPLACED ENGINE MOUNT WITH A NEW ONE (P/N 105-910019-1) WITH ACCORDANCE TO SERVICE INSTRUCTION 1147 REV. 1. WEIGHT AND BAL. CHANGES COMPLETED. AD 80-19-12 R1 NO LONGER APPLIES SINCE BOTH RT & LT ENGINE MOUNTS HAS BEEN REPLACED WITH NEW ONES. SERVICED ENGINE WITH 80TS SHELL 50WT A.D. OIL. TIGHTEN ALT. MOUNTING BOLT. RUN-UP CHECKS OK, NO LEAKS.
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.
7/24/84	TACH 999.5	Check A.D. notes thru 84-12, C/M A.D. 80-19-12 dye fractant insp of lower engine mount tabedue again 1049.5 visual, inspect and down air filter, inspect and replace oil filter, check compression DATE 7/24/84 TOTAL TIME 1195.3 JOHN H. BACON A & P 1182486
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION. ALTAIR AVIATION CORP. Beech Sales and Service Carson City Airport Telephone: 882-2018		

10/19/84	TACH 3.6	50 HOUR OIL & OIL FILTER CHANGE CHECK OLD FILTER. REPLACE #1 & #2 ROCKER PKE COVER GASKETS. COMPLY WITH AD. 80-19-12 R1 BY VISUAL INSP. SERVICE WITH 8 QTS. 1# 50 WT. AEROSHELL A.D. OIL.
ALTAIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336 John H. Bacon A & P 379036		

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12/4/84	TACH 12.6	INSTALL NEW ALTERNATOR BELT & REPAIR ALTERNATOR BY INSTALLING NEW BEARINGS IN D.E. & C.E., RAN & TESTS OK, ALT AIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336
ALT AIR AVIATION CORP. Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336 John H. Bacon A & P 379036		

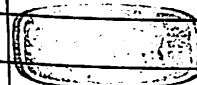
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1/25/84		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. <u>Tach 902.7</u> DATE <u>1098.5</u> TOTAL TIME CHARLES V. RUSSELL A & P 1914346 ALTAIR AVIATION CORP. Checked #1-77/80, 2-68/80, 3-78/80 4-77/80 C/W AD. 80-19-12 R1. Beech Sales and Service (Cusp. eng. mounts), C/W Woodward Sacramento Executive Airport Telephone: 428-7336 S/B 33581 (Sent to factory for compliance.) Clean and gap spark plugs. Installed new oil suction screen plug. Serviced with Shell 50 wt Oil. C Russell A&P 1914346



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. C/W AD. 80-19-12 R1 (visual insp eng. mount, serviced with Shell 50 wt AD. oil. C Russell ALTAIR AVIATION CORP. A&P 1914346 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. notes thru 83-11. C/W A.D. 80-19-12, dye penetrant insp. of lower engine mount tubes, visual insp. due T.T. 1036.3. inspect and clean air filter and oil screen, insp. and replace oil filter. Check compression 150 ² 250 ³ 350 ⁴ 500. Install & run RHM 38E plugs. Set mag timing 25°. Dress and paint prop, serviced dome and accumulator. Service engine with Shell 50wt A.D. oil.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DATE 7/11/83 TOTAL TIME 986.3 JOHN M. SACON A & P 11382455		
ALTAIR AVIATION CORP.  Beech Sales and Service Carson City Airport Telephone: 882-2018		
<i>John H. Bacon</i> IA11382455		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/12/83	TACH - 839.3	50 Hour oil change, inspect & replace oil filter, serviced with 80wt. API 100 A.D. oil. Clean induction air filter, clean & gap lower spark plugs. C/W A.D. 80-19-12- visual inspection of engine mount. Wash down engine & cowling, run up & check operation. <i>Robert J. Gallagher</i> AEP368350966
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.
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11/23/82 TACH 704.3 C/W Beech Service Instruction 1220 - Modification
T.T 899.3 to Breather tube Marshall A+P 1980415

ALTAIR AVIATION CORP.



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

11/13/83 TACH 713.8 INSTALLED MUFFLER REPAIRED BY KNESLEY WELD-
ING. RETORQUE TOP CASE HALF BOLTS. MUFFLER
TAG IN BACK.

Brian W. Blodgett
A+P 557866449

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.
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3/22/83 TACH 739.6 50 HOUR INSPECTION complete visual inspect
Total 935.4 AID 50-15-12 engine mount, Drain oil check screen & filter. Install
New filter P/N C148103, clean induction air filter.
Service engine with Aero Shell 50wt A.D.

Brian W. Blodgett
A+P 557866449

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.
9-8-82	Tach 638.7	50 hour Inspection completed. Cleaned and inspected Induction air filter. Cleaned oil screen. Drained oil and serviced with 50 wt. Aeroshell C/w AD 80-19-12 Inspected and replaced oil filter. Dressed prop. Kenneth D. Long AIP 557096007
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.
10-28-82	Tach 670.0	Checked A.D. notes thru 82-21, C/w AD 80-19-12 Engine has been Dye penetrant check of lower engine magnet tubes. C/w A.D. 82-20-01 and Bendix S.B. #623 Inspection of impulse coupling on magneto S/W 28889, C/w AD 82-11-05 By installing new distributor gears with P/N 10-682014 in accordance with Bendix S.B. #617. Inspect and clean air filter, inspect and replace oil filter. Check compression #1 76/80 #2 74/80 #3 78/80 #4 70/80, set mag timing to 25°, Replace both points P/N 10-382585, set points. Clean and gap plugs. Service prop done and accumulator. Dress and paint prop. Service engine with 50 wt. AD oil (shell) Diederik Apgar AIP 565133525
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.
5/10/82	TACH 537.4	50 HOUR OIL CHANGE COMPLETE. INSPECT & REPLACE ENGINE OIL FILTER, CLEAN SOOTY SCREEN. INSPECT & CLEAN INDUCTION AIR FILTER. VISUAL INSPECTION ON ENGINE MECH. PERFORMED. AS PER AD 80-19-12. SERVICE WITH AEROSEAL 50. D.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.
6/22/82	Tach 590.4	Check A.P. notes thru 82-12. VMC P.D. 80-19-12
I CERTIFY THIS <u>ENGINE</u> HAS BEEN <u>INSPECTED</u> IN ACCORDANCE WITH AN <u>INSPECTION</u> AND WAS <u>DETERMINED TO BE IN AN AIRWORTHY</u> CONDITION.		Inspect & service timing points, clean and gap plugs, install new RHM3EE. Service prop dome and accumulator, dress and joint prop. Service engine with Shell Rotax oil.
DATE 6/22/82	TOTAL TIME 786.2	
JOHN H. BACON	A & P 11302455	
 ALTAIR AVIATION CORP. Beech Sales and Service Carson City Airport Telephone: 882-2018		John H. Bacon A11382455

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12-2-81	Tach 439.3	50 HOUR INSPECTION COMPLETE INSPECT & CLEAN INDUCTION AIR FILTER & ENGINE OIL SUCTION SCREEN. REPLACE ENGINE OIL FILTER PACH48103. JISSON INSPECTION OF ENGINE MOUNT. SERVICE ENGINE WITH AGRO SHELL 50WT AD. WASH & RUN ENGINE CHECKS OIL
		ALTAIR AVIATION CORP.  Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336
		Brian W. Blodgett A&P 551866449

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3-5-82	Tach 491.7	Checked AD's through 82-04 & w A.D. 80-19-12, dye penet- rant inspection of lower engine mount tubes. & w Beech S.I. 1182 Rev.1, install gaskets on carburetor air box. Clean and inspect air filter and oil screen. Inspect and replace oil filter. Check compression Cyl. #1 $7\frac{5}{80}$ #2 $7\frac{5}{80}$ #3 $7\frac{4}{80}$ #4 $7\frac{4}{80}$. Install 4 new RHM 38E plugs, clean and gap plugs. Set mag to engine timing. Dress and paint prop. Service prop dome and accumulator. Service engine with shell 50 wt. A.D. oil
DATE 3-5-82 TOTAL TIME 687.5		ALTAIR AVIATION CORP.  Beech Sales and Service Carson City Airport Telephone: 882-2018
		Brian W. Blodgett A&P 560378257
		ALTAIR AVIATION CORP.  Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336
4/14/82 Tach 513.8		Installed & Hauled Alternators P/N ALU8421, S/N A-17006 (24000230). Paralleled system. (Tag in back). Adjusted idle speed on both engines. C Russell A&P 1914346

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/15/81	TACH 340.0	50 HOUR OIL CHANGE & OIL FILTER CHANGE. SERVICE AIR FILTER. SERVICE WITH 8 QTS 50 WT. ARRO SHELL A-D. OIL. CHECK OLD OIL FILTER. COMPLY WITH F.A.A. A.D. NOTE 80-19-12 AS PER 50 HOUR INTERVAL INSPECTION PROCEDURE.
ALTAIR AVIATION CORP.  Beech Sales and Service Sacramento Executive Airport Telephone: 428-7336		
<i>[Signature]</i> AEP 379036		

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 ① 75/80 ② 70/80 ③ 75/80 ④ 73/80 INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL WSP</u> INSPECTION AND WAS oil and filter changed with acrosnell 100W. All DETERMINED TO BE IN AN AIRWORTHY SPARK plugs were cleaned and gapped AD's checked CONDITION. <u>TACH 392.2</u> DATE <u>9/25/81</u> TOTAL TIME <u>588.0</u> Thru 81-18 Brian F. Stevan AEP 547909442JA. 		
ALTAIR AVIATION CORP.  Beech Sales and Service Carson City Airport Telephone: 882-2018		
10-21-81	TACH 413.7	INSTALLED NEW STARTER BENDIX P/N EBB142A AND NEW STARTER BENDIX PIN. INSTALLED NEW STARTER RING BEAR PIN LW 10551. INSTALLED NEW PROP HUB SEAL - O-RING <i>Brian W. Blodgett</i> AEP 557866449
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.
12/29/80	Tach 191.0	Check A.D. 5 then 80-25, C/W A.D. 80-19-12 dye penetrant insp. of lower engine mount tubes. Clean and insp. air filter, ins. and replace oil filter. Check compression 1 74 22 74 78 Timing to 25°. Clean and gap spark plugs. Service prop. dome and accumulator. Dress and paint prop. Service engine with Shell 50 WT. A.D. oil.
I CERTIFY THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DATE <u>12/29/80</u> TOTAL TIME <u>386.8</u> JOHN H. BACON A & P 11382455		

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3/11/81	TACH 240.2	OIL CHANGE & OIL FILTER CHANGE. CLEAN OIL SCREENS & AIR FILTER. COMPLY WITH F.A.A. A.D. NOTICE 80-19-12 AS PER 50 HOUR INTERVAL INSPECTION PROCEDURE. SERVICE WITH 50 WT. ARRO-SHELL A.D. OIL.
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George O. Smith A & P 379036

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/14/81	Tach 291.8	Check A.D. 5 then 81-09, C/W A.D. 76-09-07R2 inspect Bendix magneto SW 28859 impulse coupling for clearances T/A/W Bendix S.B. 599A. C/W A.D. 80-19-12, dye penetrant insp. of lower engine mount tubes. Clean and inspect air filter & oil screen, inspect and replace oil filter. Check compression 1 77 23 74 78. Set mag timing. Install 4 new RHM 38E plugs, clean and gap remainder. Dress and paint prop. 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>5/14/81</u> TOTAL TIME <u>487.6</u> JOHN H. BACON A & P 11382455		

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Carson City Airport
Telephone: 882-2018

John H. Bacon
A & P 11382455

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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 - clean fuel 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 John H. Bacon Title Chief
Certified Repair Station #4308
UNITED BEECHCRAFT, INC.
P. O. Box 62 WICHITA, KANSAS

WO 2345

8/4/80 Tach 38.2 Completed 50 hour oil change. Inspected & replaced oil filter. Cleaned oil filter. Serviced with Shell 50 wt AD. oil.

ALTAIR AVIATION CORP.



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Sacramento Executive Airport
Telephone: 428-7336

Chusell
A/P 1914346

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/16/80	Tach 92.7	Check A.D. 5 thru 80-17. A.D. 80-17-14. Bendix magneto N/A, S.B. 605A and A.D. 79-18-26 previously accomplished on 5/11/28889. Clean and inspect air filter, inspect and replace oil filter. Check compression 180 280 300 480. Check mag timing. Clean and gap plugs.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.		
DATE 9/16/80	TACH 92.7	TOTAL TIME 288.5
JOHN H. BACON	A & P 11392455	

ALTAIR AVIATION CORP.



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Carson City Airport
Telephone: 882-2018

Dress and paint prop, serviced dome and accumulator. Service engine with Shell 50 wt. AD oil.

John H. Bacon
A/P 11382455

10/30/80 Tach: 154.0, Completed 50 hr oil change. Inspected and replaced oil filter. Cleaned oil screen and serviced with Shell 50 wt. oil.

ALTAIR AVIATION CORP.



Beech Sales and Service
Sacramento Executive Airport
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INSPECTION & MAINTENANCE RECORD

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ENGINE DESCRIPTION

MANUFACTURER LYCOMING MODEL L-360-A1G60

SERIAL NUMBER L-382-71A 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 _____