N9764W **Engine Log** **Tach, 114.2** **TSMOH, 2174.9**

1. Performed annual inspection per FAR 43 Appendix D, using in-house inspection checklist as a guide. Researched and complied with all applicable ADs using current AD Toolbox search engine, see AD compliance report for details.
2. Complied with compression check as follows over 80Psi. 1).74; 2) 72; 3) 76; 4) 76.
3. Changed oil using 8 Aeroshell W100. Removed and inspected oil screens, no defects noted, reinstalled screen housing with new gasket.
4. Verified magneto to engine timing. Removed spark plugs, cleaned, checked gap, rotated, and reinstalled, Runup and leak check ok.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. I certify that this Engine was inspected in accordance with an Annual Inspection and has been determined to be in airworthy condition.

David Miller **AP3268094IA**
ProAv Aircraft Services **Date 10/25/2024**

N9764W **Propeller Log** **Tach, 114.2** **Prop TSMOH 2758.2**

1. Performed annual inspection per FAR 43 Appendix D, using in-house inspection checklist as a guide. Researched and complied with all applicable ADs using current AD Toolbox search engine, see AD compliance report for details.
2. Performed ground run, no defects noted.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. I certify that this Propeller was inspected in accordance with an Annual Inspection and has been determined to be in airworthy condition.

TS TOH - 201.5

David Miller **AP3268094IA**
ProAv Aircraft Services **Date 10/25/2024**

N9764W **Engine Log** **Tach, 61.7** **TSMOH, 2122.4**

1. Performed annual inspection per in-house inspection checklist that meets the requirements of FAR 43 Appendix D as a guide. Researched and complied with all applicable ADs using current AD Toolbox search engine, see AD compliance report for details.
2. Complied with compression check as follows over 80Psi. 1).80; 2) 79; 3) 80; 4) 78.
3. Changed oil using 8 qts Phillips X/C 20W-50. Removed and inspected oil suction and pressure screens, no defects noted.
4. Verified magneto to engine timing. Removed spark plugs, cleaned, checked gap, rotated, and reinstalled, Runup and leak check ok.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. I certify that this Engine was inspected in accordance with an Annual Inspection and has been determined to be in airworthy condition.

David Miller **AP3268094IA**
ProAv Aircraft Services **Date 9/5/2023**

N9764W **Engine Log** **Tach, 111.7** **TSMOH, 2172.4**

1. Changed oil using 8qts. Aeroshell W100. Removed, inspected and cleaned oil screen then re-installed, no defects noted. Runup and leak check ok.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Benjamin J. Thomas **AP4672547**
ProAv Aircraft Services **Date 08/09/2024**

DATE | SPECTION EFERENCE DATA

BRT. FWD.

N9764W 7/08/22 TAC 059.5 TSMO 2139.0 TSTO 146.8

Perform annual inspection, clean inspect and lube all cables and controls, change oil and clean screens add 8qt Phillips 20-50 XC oil, compression test over 80psi 1-76 2-74 3-74 4-70, clean gap and rotate spark plugs, tighten all intake couplings and rocker box covers, Test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR43 AppD for an annual inspection and found to be in an airworthy condition at this time.

Laris D. Hatcher 291387095 IA

N9764W Propeller Log Tach, 61.7 Prop TSMOH 2705.7

1. Performed annual inspection per in-house inspection checklist that meets the requirements of FAR 43 Appendix D as a guide. Researched and complied with all applicable ADs using current AD Toolbox search engine, see AD compliance report for details.
2. Performed ground run, no defects noted.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. I certify that this Propeller was inspected in accordance with an Annual Inspection and has been determined to be in airworthy condition.

David Miller **AP3268094IA**
ProAv Aircraft Services **Date 9/5/2023**

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mechanic or repair agency with name, rating and cert. no.

DATE

N9764W Engine Log Tach, 36.3 Hobbs, 44.1

Removed and replaced the vacuum pump with Rapco P/N 215CC s/n A47930. Performed leak and operational check, no defects noted.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Stephen R Schilling AP3330755IA **Date 10/06/2020**
ProAv Aircraft Services

N9764W 7/19/21 TAC 051.1 TSMO 2130.6 TSTO 138.4

Perform annual inspection, clean inspect and lube all cables and controls, change oil and clean screens add 8qt Phillips 20-50 XC oil, compression test over 80psi 1-74 2-76 3-76 4-76, clean gap and rotate spark plugs, replace imp. Coupling with serviceable unit AD complied with next due 500hr.tighten all intake couplings and rocker box covers, Test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR43 AppD for an annual inspection and found to be in an airworthy condition at this time.

Laris D. Hatcher 291387095 IA

DATE

BRT. FWD.

N9764W 6/12/19 TAC 3674.55 TSMO 2040.0 TSTO 47.8

Perform annual inspection, clean inspect and lube all cables and controls, change oil and clean screens add 8qt Phillips 20-50 XC oil, compression test over 80psi 1-78 2-76 3-74 4-74, clean gap and rotate spark plugs, tighten all intake couplings and rocker box covers, Test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR43 AppD for an annual inspection and found to be in an airworthy condition at this time.

Laris D. Hatcher 291387095 IA

N9764W 7/7/20 TAC 030.1 TSMO 2109.6 TSTO 117.4

Perform annual inspection, clean inspect and lube all cables and controls, change oil and clean screens add 8qt Phillips 20-50 XC oil, compression test over 80psi 1-76 2-76 3-76 4-76, clean gap and rotate spark plugs, tighten all intake couplings and rocker box covers, Test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR43 AppD for an annual inspection and found to be in an airworthy condition at this time.

Laris D. Hatcher 291387095 IA

TOTALS

DATE | MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

N9764W **Engine Log** **Tach. Time 3674.1**

Removed and replaced carburetor with overhauled unit Piper PA-28-140 service manual. Operatioonal and leak check good. Part / Model number on, 10-3678-32 / MA-4SPA, Serial number on, MS07T401.

The component listed above was repaired or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Stephen R Schilling AP3330755IA **date 07/03/2019**

ProAv Aircraft Services

DATE

N9764W 7/01/16 TAC 3620.72 TSMO 1986.7

Perform annual inspection, clean inspect and lube all cables and controls, oil changed and cleaned screen add 8qt Phillips 20W50 XC, compression test over 80psi 1-74 2-72 3-68 4-64, clean gap and rotate spark plugs, tighten all intake couplings and rocker box covers, Test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR43 AppD for an annual inspection and found to be in an airworthy condition at this time.

Laris D. Hatcher 291387095 IA _____

N9764W 6/23/17 TAC 3621.32 TSMO 1987.3

Perform annual inspection, clean inspect and lube all cables and controls, compression test over 80psi 1-70 2-66 3-62 4-74, clean gap and rotate spark plugs, tighten all intake couplings and rocker box covers, Test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR43 AppD for an annual inspection and found to be in an airworthy condition at this time.

Laris D. Hatcher 291387095 IA _____

DATE

BRT. FWD.

N9764W 9/07/13 TAC 3617.53 TSMO 1983.5

Perform annual inspection, clean inspect and lube all cables and controls, oil changed and cleaned screen add 8qt Phillips 20W50 XC, compression test over 80psi 1-70 2-62 3-64 4-64, clean gap and rotate spark plugs, tighten all intake couplings and rocker box covers, Test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR43 AppD for an annual inspection and found to be in an airworthy condition at this time.

Laris D. Hatcher 291387095 IA _____

N9764W 9/26/14 TAC 3620.11 TSMO 1986.1

Perform annual inspection, clean inspect and lube all cables and controls, oil changed and cleaned screen add 8qt Phillips 20W50 XC, compression test over 80psi 1-70 2-66 3-70 4-64, clean gap and rotate spark plugs, tighten all intake couplings and rocker box covers, Test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR43 AppD for an annual inspection and found to be in an airworthy condition at this time.

Laris D. Hatcher 291387095 IA _____

TOTALS

mechanic or repair agency with name, rating and cert. no.

certificated

DATE

N9764W 3/25/11 TAC 3606.2 TSMO 1972.27

Perform annual inspection, clean inspect and lube all cables and controls, oil changed and cleaned screen add 8qt Phillips 20W50 XC, compression test over 80psi 1-76 2-68 3-74 4-64, clean gap and rotate spark plugs, tighten all intake couplings and rocker box covers, remove left mag and C/W AD 05-12-06 by inspection, set timing, Test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR43 AppD for an annual inspection and found to be in an airworthy condition at this time.

Laris D. Hatcher 291387095 IA Laris D. Hatcher 3/25/11

N9764W 9/07/12 TAC 3608.8 TSMO 1974.8

Perform annual inspection, clean inspect and lube all cables and controls, oil changed and cleaned screen add 8qt Phillips 20W50 XC, compression test over 80psi 1-75 2-66 3-68 4-62, clean gap and rotate spark plugs, tighten all intake couplings and rocker box covers, Test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR43 AppD for an annual inspection and found to be in an airworthy condition at this time.

Laris D. Hatcher 291387095 IA Laris D. Hatcher 9/7/12

DATE

BRT. FWD.

N9764W 3/16/10 TAC 3557.27 TSMO 1923.27

Perform annual inspection, clean inspect and lube all cables and controls, oil just changed, compression test over 80psi 1-70 2-76 3-68 4-72 clean gap and rotate spark plugs, tighten all intake couplings and rocker box covers ck and set timing, replace eng baffling, Test run ops and leak ck and no defects noted at this time.

I certify this engine has been inspected I/A/W FAR43 AppD for an annual inspection and found to be in an airworthy condition at this time.

Laris D. Hatcher 291387095 IA Laris D. Hatcher 3/16/10

Tach 3592.7 10-11-2010 N9764W

Replaced alternator belt and replaced alternator bracket with correct servicable one. Replaced sparkplugs with new REM40E's. Replaced deformed and leaking Oil screen housing 69510 with serviceable.
I certify that this repair has been performed and inspected in accordance with current manufacturers data, current FAR's and good practice and was found to be in airworthy condition.

10-11-10

J. Eric Hubbard AP3450863 **date**
ProAv Aircraft Services LTD

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ith name, rating and cert. no.

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
5-1-06	For security, condition, serviable & Lubed controls, Run up ck^ed for Leaks, Found airworthy & Returned To Service.
	I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and found to be in an airworthy condition. Jason Schiestle AI2167733

N9764W
9-9-07 Tach 3553.32 TTAF 3553.32 SLA 20.92
TTE 2817.32 SMOH 1918.32 Engine cleaned, run and inspected for fuel, oil, and exhaust leaks. All AD's checked thru 2007-17. No new AD's. Comp. check over 80 1-73, 2-74, 3-70, 4-75. Changed engine oil with 7qts 20/50. Cleaned screen, no metal found. Cleaned, gapped, and rotated plugs. Checked total engine for security, condition, and found serviceable. Engine run, checked for leaks, found airworthy and returned to service. I certify that this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition. Jason Schiestle IA 2819327

Jason Schiestle IA 2819327

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:	Security, Serviceable & Lubed. Prop		Dressed
4-8-06	:	:	:	& cked. Cleaned & Gapped Plugs. Run, Found		
	:	:	:	Airworthy, cked for leaks & Returned To		
	:	:	:	Service.		
	:	:	:	I certify that this Engine has been inspected in accordance with an Annual inspection and found to be in an airworthy condition. John Jackson AI2167733		
2006	TAC	SMOH	TOTAL			
5-1	3532.4	1897.4	2796.4	SLA 42.4		
	Eng cleaned, Run & inspected For Fuel, oil & Exh leaks.					
	~~No new~~ AD: 5-26-10 EC1 CYLS NA. Comp ck 80/1-76,					
	2-73, 3-74, 4-76. Replaced #1 & 3 Crush Free Exh Gaskets.					
	Changed oil (7qts 20/50 XC). Cleaned All Filters, Screens,					
	Plugs & Regapped. Inspected & Dressed Prop. Total Engine, wiring,					
	Tubing, Hoses, Baffling, mounting, Controls, Accessories, cked					
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE 2004	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
3-1	TAC 3412.8 TT 2627.5 SOH 1869.6
	Engine Cleaned, Run & Insp'ed For Fuel, oil & Eth Leaks. No New or Recurring AD's. Comp ck. 80/1-77, 2-76, 3-76, 4-77. Cleaned Filters, Screens, Gasculator, Plugs & Regapped. Replaced Broken clamp on # 1 intake coupling. cked Accessories, wiring, tubing, Hoses, mounting, Controls For Security, condition & Lubed Controls. Prop cked, Dressed, cleaned & inspected. Engine Run, systems cked serviable, cked For Leaks & Returned
	To service. I certify that this Engine has been inspected in accordance with an Anual inspection and found to be in an airworthy condition. John Julian A12167733
2006	
4-9	TAC 3490.0 TTE 2714.0 SM 1856.0 SLA 77.2
	Eng cleaned, Run, & cked for Fuel, oil & Eth Leaks. No New AD's - Comp ck 80/1-71, 2-76, 3-76, 4-76. changed oil & cked oil screen. All Filters cleane & cked. Controls cked for Travel (over)

DATE 2003	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	TAC	:	:			
3-24	3399.1	:	2613:8	SOH 1766.8		
	Engine Run, Cleaned & cked For Fuel, oil & Eth Leaks. No New AD's cked comp. 80:/1-73, 2-73, 3-77, 4-76. cleaned Filters & Screens, & Gasculator. Changed oil (7QTS 20/60 XC) Tightened Leaking Primer Line. Installed HELI COIL IN #3 CYL Eth Port. (Stud was missing) Engine Run- cked For Proper operation, Fuel, oil, & Eth Leaks & Returned To service. Dressed & Painted Prop.					
	:	:	:			
	:	:	:	I certify that this Engine has been inspected in accordance with an Anual inspection and found to be in an airworthy condition. John Julian A12167733		
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	TACH: 3378.0 — MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
5 JULY 2002	Replaced both exhaust studs #3 CYL. Good on turn up,
2-16-02	TAC 3384.4 TTE 2699.1 SM 1741.1 SLA 16.0 R.J. Bentley AP 2104064
	Eng cleaned run & inspected For Fuel oil & Exh Leaks - Comp CK. 80/
	1-78, 2-76, 3-77, 4-72. Installed 4ea PN 6993 Intake Hoses, 4ea 63694-00 Eng mounts,
	PN AN7-35A AN363-720 / 960-716 Eng Mount Bolts, Nuts & washers, 4ea PN RG-76906 Rocker Cover Gaskets, Cked all systems
	For security, wear, condition, controls for travel, Freedom of movement &
	Lubed. Cleaned ALL Filters & Screens. No metal in oil screen. Cked Prop &
	Dressed, cleaned Primer Nozzles. Run, systems Cked Serviceable,
	Cked for leaks & Returned To Service.

I certify that this Engine has been inspected in accordance with an Annual inspection and found to be in an airworthy condition. John Julian AI2167733

DATE 2001	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
2-1	TAC 3368.9 TTE 2683.6 SM 1726.6					
	Engine Cleaned, Run & inspected for fuel, oil, & Exh					
	leaks - Cleaned ALL Filters & Screens, Plugs & Regapped.					
	Rust Removed From plugs & Painted. Comp. CK. 80/1-76,					
	2-73, 3-75, 4-75. Changed oil (7 qts 20/50 Phillips)					
	ALL Controls Cked for Freedom of movement, Travel, Security,					
	wear & Lubed. Exh, intake, Accessories, mounting systems, Tubing					
	Hoses, wiring Cked for condition & security - Cked Prop. AD's					
	Cked None due. Engine Run, systems					
	Cked Serviceable, Cked for Leaks					
	& Returned To Service.					
	:	:	:			
TOTALS	:	:	:			

I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and found to be in an airworthy condition. John Julian AI2167733

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE 2000	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
2-17	TAC 3360.2 TTE 2574.9 SM 1716.9 SLA 9.4
	Engine cleaned, Run & inspected For Fuel, oil & Exh Leaks.
	AD's ckd To Date & c/w 70-16-5 muffler Due 3410.2.
	cleaned Filters, Screens, Plugs & Regapped. Comp ck. 80/1-76, 2-75
	3-75, 4-76. Controls Cked for Travel, Security, wear, Freedom of
	movement & Lubed. Prop Cleaned & Dressed, Prop spinner, mounting
	Accessories, wiring, tubing, Hoses, Baffling, Exh & intake systems
	cked for Security & Servicable Eng Run, cked for Leaks, ALL
	systems cked servicable & Returned to Service -
	I certify that this Engine has been inspected in accordance with an annual inspection and found to be in an airworthy condition. John Jurlan AI2167733

sonny 1.0

DATE 1999				SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.				SM 1706.5	3350.8	
~~4-19~~	~~TAC TANT~~ :	Engine Cleaned, Run & inspected for Fuel, oil & Exh				
	:	Leaks. AD's cked to date. 97-15-11 Piston Pin NA				
	:	No Cyl Kits After 12-15-95, 98-2-8 Crank NA 150 HP, 98-17-11				
	:	Crank NA: No Nelson work. No Recurring AD's Due. Cleaned				
	:	Filters, Screens, Plugs & Regapped. Changed oil 20/50 Phillips.				
	:	Comp ck. 80/1-74, 2-75, 3-76, 4 (50): #4 Exh Valve				
	:	Reseated, Run, Rechecked & came up to 80/72. All Controls				
	:	cked for wear, Travel, Movement, Security & Lubed. Prop, spinner,				
	:	Eng mounts, Accessories, wiring, Tubing, Hoses & Baffling cked				
	:	for security & Servicable. Run.				
	:	Cked for leaks & Returned to		I certify that this Engine has been inspected in accordance with an ANNUAL inspection and found to be in an airworthy condition. John Jurlan AI2167733		
	:	Service. :				
TOTALS	:	:	:			

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE 1997	MAINTENANCE, INSPECTIONS, REPAIRS AN
11/13/97	TAC 3329.6 TT 2644.3 , SM 1686.3
	Eng Cleaned, Run & inspected For Fuel, oil, & Exh leaks. All controls cked for security, Condition, Freedom of movement & Lubed. All Screens, Filters, Gasculator, Plugs cleaned & Gapped Plugs - Comp ck. 80/1-74, 2-72, 3-76, 4-76. AD's cked & Listed in AD Summary. 1 Piece venturi installed in carb. oil Hoses TSO 63a Type "D" installed IAW AD. 96-26-13. cked & Dressed Prop. Tubing, Hoses, accessories, wiring, Eth Sys, mounting system cked for security, condition & serviceability. Eng Run, systems cked Airworthy, cked for leaks & Returned To service -
	I certify that this Engine has been inspected in accordance with an Annual inspection and found to be in an airworthy condition. John Juhan AI2167733

DATE 1996	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	TAC	3329.3	2644.0	SM - 1686.0	3329.3	
7-3	Eng Cleaned, Run, & inspected for Fuel oil, & Exh leaks. Cleand all Filters & Screens - changed oil 8qts 20/50 Phillips. Controls cked for security, travel, wear, Freedom of movement & Lubed - Plugs Cleaned & Gapped. Comp ck. 80/1-70, 2-72, 3-77, 4-76 AD 93-18-3 venturi cked for security Due next ANN. cked Timing. AD's cked & c/w as noted here & AD summary. Eng Run cked ok & cked for leaks & Returned for Service					
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

I certify that this Engine has been inspected in accordance with an Annual inspection and found to be in an airworthy condition. John Juhan AI2167733

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
	MERL, INC. P.O.Box 188 1777 N. Colony Rd. Meriden, Ct. 06450 (203) 237-8811 — REPLACE BY JUL 97 — P/N BP-1045 TSO C-91
1956 6-1	TAC 3327.2 TT 2641.0 SM-1682.0 SLA 26.3
	Performed annual inspection IAW FAR 43 APP "D" Cleaned and gapped plugs swapped top to bottom and next in firing order. Changed eng oil 8qts Phillips 66 20w50 and cleaned screens. Checked and lubed controls. Checked security of carb venturi. Repaired loose wire on alt. Cleaned air filter and gascolator. Turned up eng checked good. 93-18-3 c/w OVERHEAD ALN
	Comp. 1.73 2.74 3.76 4.74
	C
	I certify that this Engine has been inspected in accordance with an Annual inspection and found to be in an airworthy condition. John Julian A12167733

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
4-1-93	CONTINUED FROM LAST PAGE Performed engine run up and full systems
3283.1	check. all checked good. All ADs reviewed see AD summary.
	I certify that this Engine has been inspected in accordance with an Annual inspection and found to be in an airworthy condition. John Julian A12167733
6-10-94	TAC-3300.86 TT 2614.7 SM 1665.7 SLA 17.7
	Engine Run & inspected For Fuel, oil & Eth Leaks - Cleaned all screens
	& Filters, Plugs & Regapped. Comp ck. 80/1-76, 2-76, 3-76, 4-76.
	changed oil (8qts Phillips 20/50) Controls cked for security,
	Travel, wear, & Freedom of movement & Lubed. Installed Heli Coil
	in stripped out Throttle Brace & oil Sump Bolt Hole. cked AD 93-18-3
	(Carb venturi) Engine Run, Found Satisfactory,
	cked for leaks & Returned to Service.
	I certify that this Engine has been inspected in accordance with an Annual inspection and found to be in an airworthy condition. John Julian A12167733

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
15JUNE92	Removed and replaced coil in left magneto checked good on engine turn up.
24JUNE92	Removed and replaced coil in right magneto checked good on engine turn up.
15AUG	Removed and replaced both ignition lead harnesses Left M1980LH Right M1975RH manfactured by SLICK. Checked good on engine turn.
~~[illegible]~~ OK 4-1-93 TT-2497 SM 1638 SLA16	Performed annual inspection IAW FAR 43 APP D. Cleaned and gapped plugs swapped top to bottom and next in firing order. Cleaned oil filter screen. Cleaned gascolator and airfilter. Replaced missing airbaffle tie rod. Dressed prop. Cleaned, lubed, and checked engine controls for proper operation and security. Performed compression checks 1.77 2.76 3.76 4.76 (OVER)

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:	R&D Bentley A+P 2104052664	3272.1	—
	:	:	:			
	:	:	:	R&D Bentley A+P 2104052664	3272.1	—
	:	:	:			
	:	:	:	R&D Bentley A+P 2104052664	3273.3	
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:		3283.1	
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
23 Nov 90	TACH 3267 Compression 1# 75/80 2# 79/80 3# 79/80 4# 80/80 check and clean oil + fuel screens, all engine accessories and attachments - Review ADs - I certify this engine has been inspected in accordance with an annual inspection and is determined to be in airworthy condition. W. Drish IA122225709
27 ~~Mar~~ Feb 92	tach 3267 Compression 1# 77/80 2# 75/80 3# 80/80 4# 80/80 Clean and check fuel + oil screens, install new front crankshaft seal, new primer line No 2# cyl. insp. all engine accessories and attachments - Review ADs. I certify this engine has been inspected in accordance with an Annual inspection and is determined to be in airworthy condition. W. Drish IA122225709

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
12 June 89				tach 3250 Compression 1# 79/80 2# 80/80 3# 79/80 4# 80/80: clean + check fuel + oil screens, all engine accessories and attachments, I certify this engine has been inspected in accordance with an annual inspection and is determined to be in airworthy condition. W. Drish IA122225709		
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
6/4/88	changed oil Phillips 20w50 + 1 PT marvel 7 QT
11/23/88	changed oil Phillips 20w50 + 1 PT marvel (T.T. 3245.65)
1/1/89	Installed New Battery (Aviall Part # A-35) (TT 3246.29)
~~23 Dec 90~~	~~TACH 3267~~

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
1 June 88		T.T.	32:10	Compression 1# 80/80 2# 69/80 3# 80/80 4# 66/80 Clean fuel and oil screens, all engine attachments - I certify this engine has been inspected in accordance with an annual inspection and is determined to be in airworthy condition.		
	:		:	W. Dail IA 122 225709		
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:			

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
10/19/85	Changed Oil - Phillips 20w50 - 1 pt marvel - 7 qts.
5-18-87	TACH-3204.86 - Oil changed & screen checked. Compression checked #1-77/80 #3 77/80 #2-77/80 #4-78/80. Cyls #1 + 2 exhaust steel, nut & gasket replaced. Muffler checked ok. Baffel repaired at lower front and left side. Plugs checked. All controls checked. Mag switch checked. Engine run up normal, idle speed & mixture OK.

I certify this Engine has been inspected in accordance with a Annual inspection and was determined to be in an Airworthy condition. A-D Summary to 87-06 checked. See rear of log.
Operational check satisfactory.
Tach 3204.86, Total 3952.94
SMOH 1569.84
Signature [signature]
Cert # 1313758-IA, Date 5-18-87

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
	TIME SINCE LAST ANNUAL - 4.3 HRS.
9-4-85	TACH READS - 3188.3 - Compression checked, #1-76/80, #3-75/80 #2-73/80, #4-77/80. All control checked. Exhaust system checked. Air filter + induction system checked. Both oil cooler hoses PIPER PART NUMBER 63901-72 installed new - A-D-76-25-06. Plugs checked. Engine run up, idle speed + mixture checked.

I certify this Engine has been inspected in accordance with a Annual inspection and was determined to be in an Airworthy condition. A-D Summary to 85-16 checked. See rear of log.
Operational check satisfactory.
Tach 3188.3, Total 3936.44
SMOH 1553.34
Signature [signature]
Cert # 1313758-IA, Date 9-4-85

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	8/19/84: ANNUAL INSPECTION, COMPRESSION CHECK					
	#1-77/80, #2-73/80, #3-74/80, #4-76/80					
	Fuel filter checked					
	:	:	:			
	:	:	:			
	:	:	:	I certify this ~~ANNUAL~~ ENGINE has been inspected in accordance with a ANNUAL inspection and was determined to be in an Airworthy condition. A-D Summary to 84-16 checked. See rear of log. Operational check satisfactory. Tach 3184.04, Total 3932.14 SMOH 1549.04 Signature Peter Pizzorno Cert # 1313758-IA, Date 8-19-84		
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
2/24/84	Installed new battery

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA

BRT. FWD. 24 February 1983. Total time ~~[struck-through figure]~~. Recording Tach 3157.9. Inspected engine per 100 hr inspection. Corrected discrepancies of cracked baffling, improper safety wiring, loose ignition lead clamps, replaced leaking front oil seal. Comp. test #1 - 75/80, #2 - 79/80, #3 - 74/80, #4 - 77/80.
AD 74-26-09 P/C/W MAG BUSHING
78-09-07 P/C/W BY REPLACING IMPULSE COUPLING.
81-18-04 oil pump gears. Due at 2,000 hrs. SMOH.
I certify this engine was inspected w/ an hundred hr. insp. and was found to be airworthy at this time. Daniel Mayberry A&P 1145842

~~4/Apr. 1983~~ I certify this engine has been inspected with an annual inspection and was found to be airworthy at this time. Douglas D. Finnerty

TOTALS

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

10 Apr. 1982 Total Time 3150.0 Replaced #3 + #4 cylinder's with repaired units from Chrome Plate inc. all new Rings + gaskets installed, new valve seats, new guides. Engine oil changed, screens cleaned. I certify this engine has been inspected with an annual inspection and was found to be in airworthy condition at this time. AD. 81-18-4 due at 2000.0 hrs. SMOH, AD. 76-7-12 C/W. D. Finnerty
I.A. 1955292 A&P

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
12/6/80	:	Changed oil - 6 qts Phillips 20 W 50 det. tach 3112.09				
	:	:	:		Phil Barton	
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:			

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
	I CERTIFY THAT THIS (ENGINE)
	HAS BEEN INSPECTED I/A/W (ANNUAL)
	INSPECTION AND WAS DETERMINED
	TO BE IN AIRWORTHY CONDITION
	THIS DATE 13 OCT 80 ROUTINE SERVICING &
	TACH/ TOTAL : 3095 INSPECTION PER PIPER PA-28 SERIES
	CK'D. A.D.'s THRU 80-19 MANUAL.
	Tom [illegible]
	A&P 2141210 I.A.

DATE 1980	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	TACH/TOTAL			3095 One hundred Hr Insp.		
10-3-80	completed this			date. Plug cleaned & gapped		
	Oil screen checked OK, Baffels checked.					
	Compression checked OK, Prop nick dressed & painted					
	Battery wire at alternator tightened.					
	Carb heat cable attachment corrected.					
	# 3 mag lead rerouted. Eng control cheklist					
	Runup OK.					
	:	:	:	Peter Pezzone A&P. 1313758		
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
2-28-80	— Removed STARTER AND INSTALLED NEW ARMATURE,
TACH.	Replaced ground STRAP ON BATTERY + CHARGED
3047.1	BATTERY. STARTER CHECKED O.K.
	IA1916935 Mark Hall
5-17-80	Cleaned & gapped plugs - tach time 3065.17 hrs. Boyd Barton
5-24-80	Changed oil Aeroshell 40W 6 qts N.D. tach time 3072.08 hrs - Boyd Barton
7/27/80	Changed oil Shell 50W DETERGENT 6 qts - tach 3094.04 - Boyd Barton

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	REFERENCE DATA
BRT. FWD.	:	:	:			
July 1-1979	:	TAC 3016	:	Changed oil, cleaned screens, checked		
	:	:	:	compression, checked mags. cleaned spark		
	:	:	:	plugs, checked muffler. I certify that		
	:	:	:	this engine has been inspected in accordance		
	:	:	:	to an annual inspection and was determined		
	:	:	:	to be airworthy.		
	:	:	:		Mark E [illegible]	
	:	:	:		A&P 2744405 IA	
11-17-79		TAC 30:31.5		Changed oil Aeroshell (30) Non detergent		
	:	:	:	L. Newsome		
	:	:	:			
TOTALS	:	:	:			

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
21 Dec 1978	Change crankshaft seal, rocker box gaskets, repaired
Tach 2974.20	carberator (change needle and seat), removed starter
	disassembled and clean commutator, reinstalled, changed
	alternator belt, replaced oil pressure relief spring
	run-up check ok
	Michael E. [illegible]
	A.P 12612665
3/27/79	Changed oil, cleaned screen, O.K.
	Aeroshell 50W added) Tach. Time 2993.1

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:	oil change		
11-11-78	:	:	2961:59	Aeroshell "30" L. Nelson	2961.59	
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
6/14/78	TACH READS 2935 hrs. Changed oil and cleaned screen. Aeroshell 100 N-D added. Compression 78/80 all cyls (hot). Removed left mag and installed new bushing P/N 10-163049 to comply AD 74-26-09 and new impulse coupling P/N 10-54474 to comply AD 78-09-07. Left mag P/N 54LN-21 10-51360-30 serial # 973063. Inspected muffler per AD 70-16-05, AD 76-25-06 N/W at 8-21-75 Set mag timing. Checked starter brushes and lubricated drive clutch. Cleaned and gapped spark plugs. Tightened rocker covers. Checked engine mount, controls, hoses. Washed down engine. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
	Bill Denney A&P 1630654 IA

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD. 3-27-78	Changed oil - aeroshell "40"				Recording Tac. 2893.91	
	:	:	:	W. C. Penn		
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
4-7-77.	RECORDING TAC. 2797.00
	CHANGED OIL & CLEANED SCREEN. CLEAN & CHECK SPARK PLUGS. ADDED 8 QTS OIL AEROSHELL "50". WASH ENGINE. STATIC CHECK O'K REMAN. STARTER INSTALLED AT 2750. TAC TIME.
	Elvis Essary Jr. P1687268
7-10-77	Changed oil - aeroshell "50" Recording Tac. 2834.15
	W. C. Penn
12-3-77	Changed oil aeroshell "40" Recording Tac 2867.78
	W. C. Penn

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	8-20-76		2737:00	TAC Reading	1102:00 SMOH	
	:	:		Annual Inspection		
				Changed oil, Cleaned Screen Cleaned & Checked		
				Spark Plugs. Checked Comp. -1- 70/80 -2 65/80 -3- 74/80 -4 70/80		
				Overhauled Left Mag. Checked & adjusted timing		
				Checked Starter & Generator Replaced Prop Shaft oil Seal		
				Install oil Quick Drain Checked & Serviced all		
				Engine Accessories, Drained all Gas Sumps, Checked		
				& Serviced Propeller it is Certified that this		
				Engine has been Inspected as Required by		
				FAR & found to Be airworthy [signature] Taylor		
	:	:	:	A&P 454489		
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
8-11-77	Recording TAC 2837:00
	Annual Inspection
	Changed oil, Cleaned Screen, Cleaned & Checked Spark
	Plugs. Checked Compression -1- 74/80 -2- 70/80 -3- 75/80 -4- 69/80
	Checked Mags, adjusted timing; Replaced EX. Gaskets
	Checked Intake System Repaired Primer lines. Tightened
	Screws in Carb. Bowl, Refinished Motor Mt. Checked
	& Serviced all Engine Accessories. Tightened Engine
	Installation, Adjusted Eng. Controls, Drained all
	Gas Sumps. Checked & Serviced Propeller, it is
	Certified that this engine has been Inspected as
	Required By FAR & found to Be airworthy
	[signature] Taylor A&P 450489

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
5-19-76	:	:	:	RECORDING TAC.	2697.00	
	:	:	:			
	:	:	:	REMOVE VAC. PUMP & REPLACED		
	:	:	:	WITH LIKE UNIT. SPATTIG CHECK		
	:	O.K.	:			
	:	:	:	Elvis Essary #1687268		
	:	:	:			
11-22-76	:	:	:	RECORDING TAC 2762.00		
	:	:	:			
	:	:	:	CHANGE OIL & CLEAN SCREEN		
	:	:	:	ADD 8 QTS 40WT AEROSHELL		
	:	:	:	Elvis Essary #1687268		
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
JAN 21-76-	RECORDING TAC 2648.00
	CHANGED OIL - CLEANED SCREEN -
	8 QTS AEROSHELL W 80 - REPLACED ALL (8)
	IGNITION LEADS
	Elvis Essary #1687268
3-30-76	RECORDING TAC 2682.00
	CHANGE OIL CLEAN SCREEN -
	CLEAN & CHECK PLUGS - ADDED 8 QTS
	AEROSHELL W 50 OIL
	Elvis Essary #1687268

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	TT:	Tach:	2608	10-31-75		
	:	:	:			
	:	:		Changed oil - Cleaned screen		
	:			Replaced Valve Cover gasket -		
	:			Serviced engine with Aero Shell		
	:			W 50: oil. Washed engine		
	:	:	:			
	:	:	:	Carl Parrish		
	:	:	:	A&P 1635230		
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
	Changed oil + Cleaned screen - By Taylor aviation
8-21-75	annual Inspection
	Changed oil Cleaned Screen Cleaned & Checked Plugs
	Checked Comp. 1-74/80 2-74/80 3-75/80 4-68/80 Checked Mags
	Overhauled Left Mag Checked & Adjusted timing
	Checked Starter & Generator, Checked & Serviced all
	Engine Accessories Checked & Serviced Propeller. It
	is Certified that this Engine has been Inspected
	or repaired by FAR & found to be airworthy
	[illegible] Taylor A&P 457448

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
1-22-75	:	:	:	wgp	2473	
8-21-75	:	:	:		2574:00	
	:	:	:			
	:	:	:			
10-10-74	:	: Changed oil Cleaned Screen	:	TAC	2520:00	[signature]
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:			

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE	8-6-74 MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
	~~100~~ Hour Inspection
	Changed oil Cleaned Screen Cleaned & Checked Spark
1	Plugs Checked Comp. 1-73/80-2-66/80-3-73/80-4-65/80.
	Checked & timed Mags. Checked Starter + Gen. Check-
	Exhaust System. Replaced Ex Gaskets Drained off
	Gas Sump. Checked & Serviced Propeller it is
	Certified that this engine has been inspected
	as required by FAR & found to be airworthy
	[signature] A&P 454489

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	2438:00			
8-6-74	:	:		Tachometer Replaced	2438:00	
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
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	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:			

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
	7-21-73
	100 Hour Inspection
	Change oil Clean Screen Clean + check spark plugs Check
	Comp. OK. Check Mag (overhauled) + Timing Checked Starter
	+ Gen. drained oil gas Sumps Checked + Serviced prop.
	Checked Exhaust system it is certified that this Engine
	has been Inspected as required by FAR + found to be
	Airworthy

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	7-21-73	:	2337: 00	TOTAL TIME	2337:00	
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
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	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE 11-17-71 **MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS**

100 Hour Inspection for Annual
Changed oil Cleaned Screen Cleaned & Checked Spark plugs Checked Comp. #1 – 74/80 – #2 66/80 #3 – 75/80 – #4 – 73/80 Checked Mags & timing Replaced 1 spark plug lead. Checked & Serviced Exhaust system Replaced Leaking Rocker Box Gasket – Replaced Alt. Brush Replaced Carb air Filter Checked & Serviced all Eng. accessories. Drained Carb. & Gas Sumps – Checked & Serviced Propeller. It is certified that this Engine has been Inspected as required by FAR & found to be airworthy ~~JD~~ Taylor /A&P 454489

— REPLACED BRUSHES & HOLDER IN ALTINATOR. REPLACED AMP GUAGE FOR ALTINATOR. CK. OK. P. Shelton A&P 1822314

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD. 11-17-71		:	2268:00	Recording tachometer Reading		
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
12-07-71		:	2270:00	TACK. TIME	———	
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
	TACK TIME 2203.8
05-03-71	L.H. Mag Missing, - Replaced #1 cyl Spark Plug Wire (Bottom). Replaced Blown Ext Gaskets. 3 cyls. P. Shelton A&P 1822314
07-27-71	Change Oil used 8 qt. Aeroshell 50W. TACK TIME 2239.85 P. Shelton A&P 1822314
08-09-71	R.H. Mag Missing - Replaced #4 cyl. Bottom Spark Plug Wire Replaced #4 Bottom Plug. Ck. O.K. P. Shelton A&P 1822314

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	10/2/70		2036.00 Tach Time		
	:	:	:	I CERTIFY THAT THIS ENGINE HAS		
	:	:	:	BEEN INSPECTED IN ACCORDANCE WITH		
	:	:	:	A 100 hr. INSPECTION AND WAS		
	:	:	:	DETERMINED TO BE IN AIRWORTHY CON-		
	:	:	:	DITION		
	:	:	:	SIGN Oliver R. Nelson Insp.		
	:	:	:			
	:	:	:	W.O. 2644		
	:	:	:	THUNDERBIRD AVIATION, INC.		
	:	:	:	F.A.A. APPROVED REPAIR STATION #3372		
	:	:	:	SPIRIT OF ST. LOUIS AIRPORT		
	:	:	:	BOX 66 - CHESTERFIELD, MO.		
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
8/12/70	Tach Time 1938.2
	I CERTIFY THAT THIS ENGINE HAS
	BEEN INSPECTED IN ACCORDANCE WITH
	A 100 HR. INSPECTION AND WAS
	DETERMINED TO BE IN AIRWORTHY CON-
	DITION
	SIGN Oliver R. Nelson
	W.O. 2593
	THUNDERBIRD AVIATION, INC.
	F.A.A. APPROVED REPAIR STATION #3372
	SPIRIT OF ST. LOUIS AIRPORT
	BOX 66 - CHESTERFIELD, MO.

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS
	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION TACK TIME 1855.4
	SIGN Edward G. House
	A&P 1519974
	Details on file with W/O# 2557
	THUNDERBIRD AVIATION, INC.
	F.A.A. APPROVED REPAIR STATION #3372
	SPIRIT OF ST. LOUIS AIRPORT
	BOX 66 - CHESTERFIELD, MO.

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
TT	1730.0	:	oil changed, screens		I CERTIFY THAT THIS	Engine
checked		signed	Eng 50 w Aeroshell		BEEN INSPECTED IN	
this	Int.	4-17-70			A 100 hr I	
	:	:	:		DETERMINED TO BE IN	
	:	:	:		DITION	
	:	:	:		SIGN J. Pilla	
	:	:	:		AP 1873151	
	:	:	:		THUNDERBIRD AVIATION, INC.	
	:	:	:		F.A.A. APPROVED REPAIR STATION #3372	
	:	:	:		SPIRIT OF ST. LOUIS AIRPORT	
	:	:	:		BOX 66 - CHESTERFIELD, MO.	
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

1-15-70 Stapled to this page is list of parts used for major overhaul
1/2" valves installed and A.D. notes complied with
Engine found to be airworthy this Jan 15.1970
James R Pelletier
A+P 1813156

DATE

1-15-?

PART #	PART DESCRIPTION	Quantity
68639	Gear	1
68753	Spacer	1
STD1791	Bolt	4
74996	Gear	1
STD847	Bolt	1
68749	Shaft	2
67447	Bearings	4
77044	Bearings	1
74673pl	Rings	8
73998pl	Rings	4
69373	Bearings	8
60401	Shaft	4
69603	Hose	4
71577	Sludge tube	4
69371-1	Gasket set	1
74167	Camshaft ass'y	8
MS13997-3	Key	8
72877	Body hydtap	8
76290	Plunger ass'y	8
65074	Socket	1
61174	Shaft	1
76121	Shaft	1
61155	Gear C/S	1
STD1199	Pin	
	Mark Aero W.O. # 6204	
	4 chrome cylinders	4
	Run in and test flights	
76273	Bracket	1
74325	Link	1
75068	Valve	4
LW10076	Seat	4
74636	Rocker ass'y	4
60329	Shaft	1
60746	Impeller	1
60747	Impeller	1
72970	Gear ass'y	1
71596	Washer	1

PART #	DESCRIPTION	QUANTITY
STD 1774	Pin	1
61098	Adapter ass'y	1
74554	Seat	4
STD347	Hose	4
78027	Bolt	8
74646	Nut	8
61544	Plunger	1
10-27448	Seal	2
2-202	Bearing	1
10-81806	Bearing	1
10-52949	Block	1
10-50746Y	Gear	1
10-88543-1	Cam	1
10-357094	Breaker ass'y	1
10-59437	Cam impulse	1

1-15

OWNERSHIP RECORD

NAME	ADDRESS	PURCHASE DATE	SELL DATE
La Junta Fly Sel	La Junta Colorado	8-3-69	9-1-70
Thunderbird Aviation	PO Box 2822 Carondelet station St Louis 63111	9-1-70	1-15-70

AIRCRAFT ENGINE LOG FOR

BOOK NO. 2

ENGINE MAKE O-320-E2A ~~MODEL~~ HP 150 SERIAL NO. L-13005-27

MANUFACTURER Lycoming DATE OF MFG. _____ WEIGHT _____

HP. 150 hp AT 2700 RPM DISPLACEMENT _____ CU. IN.

OIL WEIGHT – SUMMER 50 W WINTER 30W OR 40 W

OIL CAPACITY 8 QTS. FUEL MIN. OCTANE 80 oct (80/87)

FIRING ORDER 1324 SPARK PLUG GAP .016

BREAKER POINT GAP _____ IGNITION TIMING 25°

VALVE CLEARANCES within MIN And Max Ranges (.025 to .085)

OIL PRESSURE 60 to 90 psi OIL TEMP. RANGE 0 – 240

PROPELLER MAKE Sensenich MODEL M74DM0 SERIAL NO. K13707

PITCH _____ LENGTH 58 REMARKS Airworthy

STROKE 3.875 RPM NORMAL 2700

BORE 5.125 MAXIUM 2700