

O-360 -A4K

^{31A}
IO-360 180 hp

L-25742-36A

The Standard



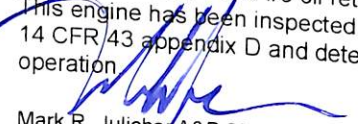
ENGINE LOG

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Pitts S-1 Hangar 64 Tach: 1665.5 Lycoming IO-360-B1A S/N L-25742-36A SMOH: - 0 - 27 March 2024 Engine Removed engine from plane. Disassembled and sent parts out for o/h. Crankcase o/h by Divco work order 140676. Accy cover reconditioned by Divco work order 140327. Crankshaft o/h ground to 5/5. camshaft chrome reconditioned. 4 connection rods. 8 lifter bodies. 8 rocker arms. and 2 gears o/h by ASSF work order 281864. New bearings installed. New vernatherm. New fuel plunger. Superior o/h gasket kit used. Overhauled fuel pump p/n LW1547 installed. 4 new Lycoming cylinders. valve assemblies installed. Rocker covers by Skydynamics. Engine overhaul accomplished IAW Lycoming SB 240W. Cleaned and gapped spark plugs. Break-in oil added 8 qts. Timed magnetos. Cleaned oil pickup screen. Cleaned oil filter screen. Compressions: 1 76/80, 2 78/80, 3 78/80, 4 78/80. Installed engine and rigged controls. Cowlings installed. Propeller re-torqued to 40 ft lbs and safety wired. Engine run OK. This engine has been inspected IAW the scope and detail of 14 CFR43 appendix D and determined to be in condition for safe operation. Mark R. Julicher A&P 2204250
				Pitts S-1 Hangar 64 Tach: 1675.7 Lycoming IO-360-B1A S/N L-25742-36A SMOH: - 8.2 - 17 April 2024 Engine Removed engine from plane. Removed oil sump and accy case. Re-sealed accy case and oil sump. Installed engine and rigged. Engine run OK. Mark R. Julicher A&P 2204250

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21				Drained oil & replaced w/ 7 quarts of
June	1705.9		1705.9	aeroshell 100 mineral oil
2024				ATP 345170, owner
29				
June	1707.6		1707.6	Replaced LOR outboard baffle seal w/ 1/4 inch x
2024				4 inch silicone.
				ATP 345170, owner
21	1711.3		1711.3	Replaced exhaust clamps (Left + Right) with p/n
Jul				63243-002 Aeroler Piper Clamps. Machined o/p
2024				internal pin for both clamps
				ATP 345170, owner
30 Sep	1730.8		1730.8	Drained oil & replaced w/ 7 quarts Aeroshell 100
2024				ATP 345170 owner

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9 Feb 2023	1603.88		1603.88	Replaced all eight spark plugs w/ new Tempest UREM 40E. Gap set @ .0016.
				ATP 345117 Owner / A&P
				Pitts S-1 Hangar 64 Tach: 1614.65 Lycoming IO-360-B1A N52B SMOH: 1614.65 S/N L-25742-36A Engine 7 April 2023 Compressions: 1: 78/80, 2: 75/80, 3: 74/80, 4: 68/80. Removed engine from plane. Cleaned and gapped spark plugs. Changed oil. Tightened oil filler tube to stop oil leak. Replaced oil return rubber connections on #2 and #4 oil return. Replaced gasket on fuel pump. Replaced gaskets on magnetos. Timed magnetos. Cleaned oil pickup screen. Cleaned oil filter screen. Some aluminum shavings found on pickup tube and screen. Installed Mitchell oil temp sensor. Installed engine with new Lord Mounts. Rigged controls. Cowlings installed. Propeller re-torqued to 40 ft lbs and safety wired. This engine has been inspected IAW the scope and detail of 14 CFR43 appendix D and determined to be in condition for safe operation. Mark R. Julicher A&P 2204250

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				Hangar 64 Tach: 1614.7 Pitts S-1 N52B SMOH: 1614.7 Lycoming IO-360-B1A Engine S/N L-25742-36A 20 April 2023 Removed propeller, nose bowl and cowling. Removed and replaced R magneto with overhauled Bendix part number 10-600644-1, s/n H-X030396. NOTE: The RED LINE on drive gear is off ONE TOOTH away from the correct chamfered tooth on the gear. Engine run/mag drop OK. Replaced Mitchell oil temp sender with 5/8 diameter sender and new crush gasket. No leak noted. Replaced cowling, nose bowl, propeller and spinner. Propeller torqued to 40 ft lbs and safety wired. Return to service. Mark R. Julicher A&P 2204250
24 Jan 2023			1642.6	Drained oil & replaced w/ 6 quarts of Aeroblen 110 w/ 100 t. ATP 345117 / owner
15 Sept 23			1661.6	Removed cowling & prop. Removed oil seal. Installed new oil seal IAW Lycoming SI 1324 using Dow 737 sealant. Cured 24 hrs. Engine run. No leak noted. Prop torqued to 40 ft lb & safety wire. Cowl re installed Mark Julicher A&P 2204250

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24 Aug 2021	1459.4		1459.4	Replaced mechanical fuel pump w/ OH unit P/O LW 15473, S/P ONR 810.  AIP 3751170
16 Sep 2021	1463.6		1463.6	Replaced tachometer cable w/ identical unit 36 inch RH Long (Cw rotation)  AIP 3751170
12 Oct 2021	1482.6		1482.6	Changed oil. Added 7 qt Aerobell w/ oil.
				Pitts S-1 Hangar 64 Lycoming IO-360-B1A S/N L-25742-36A 24 March 2022 N52B Engine Tach: 1505.6 SMOH: 1505.6 Compressions: 1: 78/80, 2: 78/80, 3: 78/80, 4: 75/80. Propeller re-torqued to 40 ft lbs and safety wired. Cleaned and gapped spark plugs. Timed magnetos. Changed oil. Tightened oil filler tube to stop oil leak. Replaced oil return rubber connections on #1 and #3 oil return. This engine has been inspected IAW the scope and detail of 14 CFR 43 appendix D and determined to be in condition for safe operation.  Mark R. Julicher A&P 2204250

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				N 52B TACH 1522.22 27 May 22 Removed Con/ing. Removed pushrod tubes on #2 cyl. Replaced 4 O-rings on tubes Installed Con/ing. Return to service Mark Julicher 2204250 A&P 
9 Jan 2022	1532.86			Drained oil & replaced w/ 6 qts of Aerobell w/ oil.  AIP 3751170
14 Jan 2022	1538.37			Drained oil & replaced w/ 6 qts of Aerobell w/ oil.  AIP 3751170
23 Oct 2022	1587.44			Drained oil & replaced w/ 6.5 qts of Aerobell 15W50  AIP 3751170

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3/13/14	1016.1			overhaul, Red Hawk Accessories W.O. # 049845, Reinstalled same fuel injector in original position. Engine run up good. Oil changed and screens checked. This engine has been inspected and found to be in a condition for safe operation.
				— Fuel Then AHP 465190830
26 July 2014	1056.4			Changed oil + cleaned screens. Added 6 qt. Aeromell 100 + 1 can Av. Blend.
				— AIP 3451170

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21/3/15	1093.64			Cylinder differential pressure test #1 79/80 #2 78/80 #3 79/80 #4 79/80
150H	1093.64			Oil screens checked and found clean.
				Fuel screen checked and found clean.
				Inspected spark plugs and regapped #3 bottom plug. Rotated plugs upon installation. Oil changed by owner at earlier date.
				This engine has been inspected and found to be in a condition for safe operation.
				— Fuel Then AHP 465190830

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12/28/12	949.0			Removed engine and disassembled
TSOH	949.0			accessory section. Installed new
				oil pump and gears and reassembled
				per Lycoming Direct Drive O/H manual.
				Filled w/ 8 qts Shell 15W50.
				Cleaned fuel and oil screens.
				Cylinder differential pressure
				test #1 78/80 #2 76/80 #3 75/80 #4 72/80.
				Checked plugs - no defects. This engine
				has been inspected and determined to
				be in a condition for safe operation.
				— <u>Don H. ATP 465190832</u>

DATE 2013 12	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
28 June	979.66			Changed oil + cleaned screens. Added 6 quarts of
2013				Avroglor 15W50.
				<u>Carl</u> , owner
				ATP 3451176
3/13/14				Cylinder differential pressure test;
1 cal	1016.1			#1 78/80; #2 77/80; #3 75/80; #4 75/80
TSOH	1016.1			Checked spark plugs, fuel screens,
				magneto timing. No defects noted.
				Cleaned fuel nozzles and venturi.
				Installed new nozzle line to #1 cylinder.
				Removed #4 cylinder due to cracked
				head and installed repaired cylinder
				PN 75574 CN. Ref J1 Airports
				W.D. # 66587. Replaced cylinder -
				crankcase starts on #4. Nuts torqued
				to 25 and 50 ft lbs. Reinstalled
				fuel injector unit and sent for

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22 JUL 09	808.63	TT		REMOVED #1 CYLINDER, VALVE SEAT REPLACED AND HEAD WELDED BY SENTRY AIRCRAFT CYLINDERS, RINGS AND REPLACED AND CYLINDER REINSTALLED.
21 OCT 09	819.76	TACH TIME	819.76 TSMOH	REMOVED AND REPLACED #3 CYLINDER AND PISTON SET. COMPRESSION ROLD: 1) 76/80 2) 76/80 3) 76/80 4) 74/80 ADJUSTED THROTTLE CONTROL STOP. REPLACED FUEL FILTER. REMOVED, INSPECTED, REINSTALLED OIL SCREEN. CHANGED OIL. INSPECTED CONTROLS HOSES, AND WIRES I CERTIFY THAT I HAVE INSPECTED THIS ENGINE I/A/W A 100 HR/ANNUAL INSPECTION AND FOUND IT TO BE IN A CONDITION FOR SAFE FLIGHT John D Barr 2092759 AJP

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27 OCT 10	882.25	TACH TIME	882.25 TSMOH	COMPRESSION TEST: 1) 76/80 2) 72/80 3) 70/80 4) 74/80 REPLACED FUEL FILTER. CLEANED AND GAPPED SPARK PLUGS I CERTIFY THAT I HAVE INSPECTED THIS ENGINE AND HAVE FOUND IT TO BE IN A CONDITION FOR SAFE FLIGHT John D Barr 2092759 AJP
19 OCT 11	914.49	TACH TIME	914.49 HRS TSMOH	COMPRESSION TEST: 1) 78/80 2) 76/80 3) 75/80 4) 72/80 REPLACED FUEL FILTER. CLEANED AND GAPPED SPARK PLUGS I CERTIFY THAT I HAVE INSPECTED THIS ENGINE I/A/W A 100 HR/ ANNUAL INSPECTION AND HAVE FOUND IT TO BE IN A CONDITION FOR SAFE FLIGHT. John D Barr 2092759 AJP

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3-7-04			605.07	This engine has been inspected FAW FAR 42 RMP D" cleaned fuel injector screen, Tightened rocker cover screws, Inspected spark plugs, compression ck. ① 76 ② 76 ③ 78 ④ 78 This engine was found in an airworthy condition, 26685-26721A Kwil fuel CHANGED OIL - ADDED 8 QTL. AEROSHELL 100W INSPECTED OIL SCREEN. ENGINE RUN - NO LEAKS DETECTED. <i>AC Mac III</i> 553905300 5/9/04

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7-05	1-15-05		620.0	New Union KEM 40E spark plugs installed Replaced half rotating harness w/slick harness. Installed Sky-tec starter, battery (Aerobattery), & associated wiring. Aircraft re-weighed. New weight/balance calculated. <i>Jim</i> Pilot/owner

DATE 2000	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-16	586.24			Completed Annual inspection JALW FAR 43. APP D, Replaced induction clump, repaired alternate air control arm, inspected fuel injection lines & clamps CERTIFY THAT THIS <u>Engine</u> <u>4W OA-518</u> AS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND HAS BEEN FOUND IN AIRWORTHY/ CONDITION. <u>R. Willard</u> <u>266852622 I.A.</u>
7-4-01	600.7			CHANGE OIL - AEROSHEN 100 SAE 50 DETERGENT 7 QTS. CHECK HOSES, CABLES, LINES, SEALS & ENGINE FOR LEAKS (GOOD) REPAIR CARB. HEAT PUMP CABLE & ARM. R&R 1 INDUCTION HOSE CLAMP - STRIPPED. OWNER-PILOT <u>Hand R. Bergman</u> <u>267-31-8870</u>

DATE 2003	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-18	602.06			I HAVE INSPECTED THIS ENGINE I AW PART 43 Appendix D AND FOUND TO BE IN AIRWORTHY CONDITION, CLEAN PLUGS Comp #1-76 #2-76 #3-76 #4-78 INSPECTION OF OIL FILTER CONVERTER PLATE GASKET & CONVERT PLATE KIT FOR CRACKS & BASKET EXTRUSIONS AD200-18-53 & MSB 543A - HRB <u>Don Hall A&P 280506322</u>

DATE 1998	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-14-98	524.9			R&R OIL, AERO SHELL W100 SAE 50 DETERGENT - 7 QTS, CHECK ENGINE COMPARTMENT, ALL HOSES & LINES (OK) CHECK NEW EXHAUST SYSTEM (OK) IDLE ENGINE DOWN 200 RPM. OWNER-PILOT <u>Thom R. BURGNER JR</u> 267-31-8875
1-16-99	550.43			R&R OIL, AERO SHELL W100 SAE 50 DETERGENT- 7 QTS, CHECK ENGINE COMPARTMENT, CHECK HOSES & LINES (GOOD) RICHEN ENGINE 1 CLICKS-NOTES - RUNS GOOD & NO OIL LEAKS R&R FUEL FILTER # CG12, INSPECT BOWL & HOUSING - R&R O-RING & REINSTALL WITH SAFETY WIRE. OWNER-PILOT <u>Thom R. BURGNER JR</u> 267-31-8870

DATE 1999	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-1-99	550.43			#1 70/p #2 73/p #3 79/p #4 79/p I certify This Engine has been inspected I.A.W. PART 43 paragraph 'D' A condition inspection & found to be in an Air worthy condition. <u>Alton T. Young Jr</u> A & P - 266521206 END
10-4-99	575.23			CHANGE OIL, AERO SHELL W100 SAE 50 DETERGENT 7 QTS. CHECK HOSES, LINES, SEALS & ENGINE COMPARTMENT. NO OIL LEAKS - RUNNING GOOD. OWNER-PILOT <u>Thom R. BURGNER JR</u> 267-31-8870

DATE 19 <u>96</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-24-96	493.8			REMOVE & REPLACE OIL, AEROSHELL OIL W100 SAE 50 DETERGENT 7 QTS., ENGINE HAS DRIED UP OIL CONSUMPTION, NO OIL LEAKS & STARTS - RUNS GREAT. CHECK ALL HOSES & LINES FOR CHAFFING (OK) OWNER-PILOT Howard R. Dwyer 267-31-8870
6-22-97	507.2			ADD 1 QT. OIL TO FULL, AEROSHELL OIL W100 SAE 50 DETERGENT. REMOVE CARBON & CHECK PLUGS - (OK) LEAN FUEL SERVO 2 CLICKS, CHECK TORQUES ON ENGINE BOLTS & HOSES OWNER-PILOT Howard R. Dwyer 267-31-8870

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1-9-98	520.7	Tach	520.7	I certify that this engine has been inspected IAW an annual inspection and has been found to be in an airworthy condition. <i>Henry Wilford 266852622 IA</i>
1-8-98	520.7			REMOVE EXHAUST Y-SYSTEM & CHECK FOR REPAIR - REPLACE WITH SIKY DYNAMICS CROSS- OVER SYSTEM, REPLACE: GASKETS & HARDWARE - TORQUE TO SPECS. FABRICATE PIPE HANGERS & INSTALL. CHECK FOR LEAKS SECURITY - GOOD. OWNER-PILOT Howard R. Dwyer 267-31-8870

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11-20-95	462.7			Removed all cylinders, ground all seats + valves, Installed new piston rings, gaskets and seals, Removed fuel injection sems, Fuel tested sems + nozzles, Install new fuel seals + regulator in sems, Serviced with 7qt's 100 Aeroshell mineral oil. 4w OA-518A, ran engine and leak checked. Completed Annual IP.W FBR 43 DPP "D"
				Ken Willyford 266852622

[illegible]

DATE 19 <u>34</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
CERTIFY THAT THIS	<u>ENGINE</u>			<u>COMPRESSION OK. #1 - 70, #2 - 73, #3 - 74, #4 - 70</u>
HAS BEEN INSPECTED IN ACCORDANCE WITH				
<u>CONDITIONAL</u> INSPECTION AND WAS				
DETERMINED TO BE IN AIRWORTHY CONDITION.				
TOTAL HRS. <u>450</u> TACH <u>450</u>				
DATE <u>7-24-94</u>				
LEE DAVIS A&P 41408355 IA <u>Bee Davis</u>				
7-30-14 <u>458</u>				R&R OIL, AEROSHELL OIL W/60 SAE 50 DETERGENT TQTS, CHECK UNDER COWL FOR OIL LEAKS (OK) CLEANED PLUGS, R&R FUEL FILTER - FRAM; CG12, REPAIR FUEL LINE SEEP AT FUEL TANK & RECHECK (OK) CHECK ALL LINES FOR CHAFFING & TIGHTEN JO TORQUES. OWNER - PILOT <u>Howard R Burroughs</u> <u>#267318870</u>

WE CERTIFY THAT THIS ENGINE COMPRESSION OK. #1-70, #2-73, #3-74, #4-70
HAS BEEN INSPECTED IN ACCORDANCE WITH

8 CONDITIONAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

TOTAL TIME 450 TACH 450
DATE 7-24-94
LEE DAVIS A&P 41408355 IA See Davis

7-30-14	4258			R+R OIL, AERONELL OIL, 1001-5, 5001-5, 5001-5, 5001-5
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TOTS , CHECK UNDER COW FOR OIL LEAKS (OK)
CLEANED PLUGS , R/R FUEL FILTER - FRAME; CG12,
REPAIR FUEL LINE SEEP AT FUEL TANK
& RECHECK (OK) CHECK ALL LINES FOR CHAFFING
& TIGHTEN TO TORQUES.

				OWNER - PILOT <u>Howard R. Burgess</u>
				<u>#267318870</u>

[illegible]

1-18-95	450.0.			R&R OIL, KEROSENE OIL W100. SAE 50.
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				DETERGENT - 7.925	CHECK FOR OIL LEAKS (OK)
				CHECK CABLES & LINES FOR CHAFFING (OK)	

DATE 1993	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
July 24, 93	349.1			R+R OIL, AEROSHELL OIL W100 SAE 50 DETERGENT (7 QTS), R+R OIL FILTER SCREEN GASKET & CLEANED SCREEN - CHECKED HOUSING FOR CRACKS (OK) R+R OIL SUMP GASKET & TORQUED ALL BOLTS & CHECKED FOR CRACKS (OK) R+R NOSE FITTING ON ASS. CASE FOR MORE CLEARANCE.
I certify that aircraft engine has been inspected in accordance with an annual ^{CONDITIONAL} inspection under FAA FAR part 65.95 and was deter- mined to be in airworthy condition				
Donald Jeerings Donald Jeerings A&P# 2099870 IA				
7/24/93				
CHECKED ALL BOLTS FOR TORQUE, CHECKED ALL LINES & HOSES FOR ANNUAL (OK)				
OWNER - PILOT Howard R. Burman #267318870				

DATE 1993	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-17-93	365.9			R+R FUEL PUMP (MECHANICAL) & BASE GASKET - NEW LYCOMING PART #AW-15473 TORQUE BOLTS & SAFETY WIRE - TORQUE FUEL LINE & CHECK FOR LEAKS - GOOD OWNER - PILOT Howard R. Burman #267318870
DEC. 7	375.1			R+R OIL, AEROSHELL W100 SAE 50 DETERGENT (7 QTS) CHECK ENGINE FOR OIL LEAKS (OK) CHECK HOSES, LINKAGES & FLUID LEVELS (GOOD) OWNER - PILOT Howard R. Burman #267318870
APR. 21	399.9			R+R OIL, AEROSHELL W100 SAE 50 DETERGENT (7 QTS) CHECK HOSES, LINKAGES & FLUID LEVELS CLEAN ENGINE & CHECK FOR OIL LEAKS (GOOD) ENGINE RUNNING VERY GOOD & STRONG OWNER - PILOT Howard R. Burman #267318870

DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				70hr 250.06 July 6 1992 1- $\frac{74}{80}$ 2 $\frac{77}{80}$ 3 $\frac{78}{80}$ 4 $\frac{80}{80}$ This is to certify that I have performed a conditioral inspection on this engine and found it to be airworthy. Donald Ferguson AEP# 2099870 FA
JULY 7	250.06			R&R OIL, AEROSHELL OIL W100 SAE 50 DETERGENT (TATS) CHECK ENGINE COMPARTMENT, HOSES, LINKAGE & FLUID LEVELS, TORQUE BOLTS & CLEAN ENGINE & COMPARTMENT OWNER - PILOT Harold R. Ferguson Jr. #267318870

DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
OCT. 13	275.93			R&R OIL, AEROSHELL OIL W100 SAE 50 DETERGENT (TATS) CHECK ENGINE, HOSES, LINKAGE, OIL LEAKS, LINKAGES & FLUID LEVELS - RUNNING GREAT OWNER - PILOT Harold R. Ferguson #267318870
DEC. 27	300.27			R&R AERO SHELL OIL W100 SAE 50 DETERGENT (TATS.) CLEAN & CHECK ENGINE COMPARTMENT, HOSES, LINKAGES & FLUID LEVELS - OK OWNER PILOT Harold R. Ferguson #267318870
APR. 27	325.25			R&R AEROSHELL OIL W100 SAE 50 DETERGENT (TATS) CLEAN & CHECK ENGINE COMPARTMENT, CHECK HOSES, LINKAGES & FLUID LEVELS - GOOD OWNER - PILOT Harold R. Ferguson #267318870

DATE 1991	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
FEB 24	150.1			R+R OIL, AEROSHELL OIL W100 SAE 50 DETERGENT (TATS) CHECK ENGINE COMPARTMENT - OK EVERYTHING OWNER - PILOT Howard R. Bingham, Jr. NOTE: R+R PLUGS FOR REM 37 BY 2-26-91 H.A.B.
Took 16.5.95				This is to certify that I have
June 2, 1991				performed a "Conditional Inspection"
				on the engine and have found it
				to be in satisfactory condition
				Howard R. Bingham
				ASP 42099871 TM
				① 75/80 ② 77/80 ③ 76/80 ④ 73/80 DJ
AUG 10	175.2			R+R OIL, AEROSHELL OIL W100 SAE 50 TATS, TIGHTEN OIL LINES + CK ENGINE COMP, R+R EXH. STACKS WITH STAINLESS STEEL STACKS - BUILT TO ORIGINAL EXCEPT STAINLESS STEEL + CK. FOR OPERATION (GOOD) OWNER PILOT - Howard R. Bingham, Jr.

DATE 1991	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
DEC 5	201.1			CHANGED OIL + SERVICED WITH AEROSHELL W100 SAE 50 - TATS. CHECK ENGINE + COMPARTMENT - EVERYTHING TIGHT + (OK) OIL CONSUMPTION FOR 25 HRS. OF OPERATION IS 1QT. - RUNS GREAT - OWNER PILOT Howard R. Bingham, Jr.
92				
MAR 28	226.5			CHANGED OIL + SERVICED WITH AEROSHELL W100 SAE 50 - TATS. CHECK ALL HOSES + BELTS FOR TORQUES. CREANED + CHECK PLUGS (ALL OK) REM 37 BY PLUG IS AGREENT IMPROVEMENT IN ENGINE PERFORMANCE OWNER PILOT Howard R. Bingham, Jr.
JUN 4	243.9			R+R N EXHAUST GASKETS, CLEAN + INSPECT R+R FRT. MAIN SEAL, CLEAN + INSPECT TIGHTEN. ADJ. + CHECK FLYING WIRES OWNER PILOT Howard R. Bingham, Jr.

DATE 1990	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
July 1, 1990	Jack 90.5			Conducted Conditional Inspection Washed down engine, checked for air leaks, cleaned plugs, checked all linkages, drained sumps Compression test. COMP. CHECK #1 74/80 #2 79/80 #3 78/80 #4 75/80 I certify that I have inspected this engine and have found it to be in airworthy condition Donald Jeering AEP 2099870 IA

DATE 1990	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
JULY 1	90.5			R+R FUEL FILTER # FRAM CG12 + CHECKED FOR CONTAMINATION (METAL, DIRT + ETC) (OK) SAFETY WIRE FILTER HOUSING. CHECK ALL OIL LINES + BOLTS FOR TORQUE + LEAKAGE (OK) OWNER PILOT HOWARD R. BURGNER, JR. #267318870
SEPT. 8	100.8			R+R OIL, AEROSHELL W100 SAE 50 DETERGENT (TATS) CHECK FOR OIL LEAKS + ENGINE BOLT + NUT TORQUES (OK) OWNER PILOT - HOWARD R. BURGNER #267318870
NOV. 20	125.6			CHANGE OIL, AEROSHELL W100 SAE 50 DETERGENT (TATS) CHECKED ENGINE COMPARTMENT + CLEANED PLUGS. OWNER - PILOT Howard R. Burgner, Jr. #267318870

DATE 1989	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3 June	25.0			PERFORMED ANNUAL INSPECTION (AUI) PAR #3 APP D PARA C / D 1-10 CHANGED OIL - SERVICED WITH AERO-SHELL NOW DET 160 (50 WEIGHT) R/R PROPELLOR CHECKED MOUNTING FLANGE AND TORQUED THE PROP BOLTS TO 750 INCH LBS COMP CHECK #1 78/80 #2 78/80 #3 78/80 #4 77/80 NOTE OIL CONSUMPTION FOR THE FIRST 25 HRS OF OPS WAS .5 QT (1/2)
				W. E. Allen BUILDER / REPAIRMAN # 527.74 9/54

DATE 1989	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-29	46.1			R+R FILTER & FRAM CG12 AT BASE OF CRISTEN MANUAL FUEL PUMP & REPLACE SAFETY WIRE. NOTE - FILTER WAS FULL OF ALUMINUM SHAVINGS & DIST - OWNER HOWARD R. BURGNER, JR. #267318870
9-14	51.2			R+R OIL, AEROSHELL OIL W100 SAE 50 DETERGENT (TQTS) R+R STANDARD OIL PLUG FOR QUICK DRAIN CURTIS VALVE. INFLAT TIRES TO 28 P.S.I. & CHECK EVERYTHING - OWNER - PILOT HOWARD R. BURGNER JR. #267318870
3-4-90	74.8			R+R OIL, TQTS AEROSHELL W100 SAE 50 DETERGENT; CLEAN SPARK PLUGS, CHECK ENGINE COMPARTMENT (OK) - OWNER - PILOT HOWARD R. BURGNER, JR. #267318870

JAN 9-85

- ① Large Case Dowels
- ② New Style CAM SHAFT
T.B.O. 1800 HRS.

THIS ENGINE HAS AN UNCONDITIONAL 60A
WARRANT FOR 90 DAYS FROM THE DAY YOU
TEST RUN THE ENGINE IN YOUR PLANT, 60A-
WARRANT IS VOID IF THE ENGINE IS SOLD TO A
SECOND PARTY.

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER

LYCOMING

MODEL

T-360 1804 P

SERIAL

L-25142-36A

TYPE CERTIFICATE

F-1

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT

MINIMUM OCTANE FUEL

OIL GRADE SUMMER

WINTER

MAGNETO TIME

POINT SETTING

FIRING ORDER

SPARK PLUG GAP

MFG. RECOMMENDED OVERHAUL AT

HOURS.

DICK WATERS, INC.
1325 W. WASHINGTON ST.
BLDG. B-8

ORLANDO, FLORIDA 32805

1-805-422-0188

The Standard



ENGINE LOG