

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Sycorring MODEL O360 - A1A
SERIAL L-15739-36A TYPE CERTIFICATE _____
THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT _____

- Van Dusen Technical Services, Inc. / Limited Engine Warranty -

Van Dusen Technical Services, Inc. (hereinafter "Van Dusen") 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 use, whichever occurs first. Van Dusen shall repair or replace, at its option, any aircraft engine or part which is found to be defective, to Van Dusen's satisfaction, within said warranty period. After six (6) months from date of delivery to customer or 240 hours of use, 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 Van Dusen's option, shall be prorated in the following manner. The customer shall pay the net price for a newly rebuilt engine, or part(s) used in effecting repair, equal to the current list price for the engine or part divided by the applicable 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 date of delivery). Labor costs associated with the repair of a defective engine or part shall be prorated in the same manner. The repair or replacement of any part under the foregoing warranty shall not extend the periods of warranty coverage set forth above. Van Dusen 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 defective engine or component serviced is returned to Van Dusen's facility at Griffith, Indiana at customer's expense, together with particulars in writing of the nature of the defect, or if customer or his representative contacts Van Dusen at its facility at Griffith, Indiana for verification and authorization of warranty repair. Written authorization must be obtained from Van Dusen before repairs covered by warranty can be performed outside Van Dusen's shop. 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 Van Dusen must be given prompt notice thereof in writing, within ten (10) days after discovery.

Limitations, Exclusions and Disclaimers - Van Dusen shall not assume freight charges, transportation or delivery expenses, installation or removal costs or air frame repairs, all of which are excluded under this warranty. Van Dusen does not warrant parts, materials or services supplied or performed by others, including without limitation, parts, such as magnetos, starters, alternators and turbochargers, which were purchased from a manufacturer and assembled as a unit without altering the unit. This warranty which has been subject to misuse, neglect, accident, or damage from the elements, or which has been installed, repaired, maintained or altered in any manner which, in the judgement of Van Dusen, 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, outside Van Dusen's shop.

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. Van Dusen's 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 VAN DUSEN BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY IN TORT OR NEGLIGENCE ON THE PART OF VAN DUSEN. 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 limitations or exclusions. This warranty gives customer-specific legal rights, and the customer may have other rights which vary from state to state.

Warranty Number 31461
Engine Serial Number L-15739-36A
Aircraft Registration Number _____

Van Dusen Technical Services, Inc.
Piston Products Division
1701 East Main Street
Griffith, Indiana 46319
Tel: (219) 924-7110

The aircraft and/or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 31461

TT: ~~1972.7~~ 1896.94

Engine Model 0-360-ALA Serial No. L-15739-36A

Date Aug. 27, 1984 Signed [Signature]

TT: 1972.7

Van Dusen

for

PISTON PRODUCTS

1701 EAST MAIN STREET
GRIFFITH, IN 46319
TELEPHONE: (219) 924-7110

TECHNICAL SERVICES
C.R.S. No. 3125

Major overhaul engine to manufacturers specifications, comply with all current AD notes and Service Bulletins at time of overhaul, overhaul or exchange Magnetos, S/NG14224 & A12596) Starter S/N 7C000342) Carburetor S/NG-30-4191),

END

		6015.8
	1896.94	4667.6
	1384.8	1348.2
	<u>3281.1</u>	

28 SEPTEMBER 1984. ENGINE TIME SMOH -0-, AIRCRAFT T.T. 4667.60

INSTALLED THIS ENGINE ON N7441T C172 SN 47041.

- (1) INSTALLED ALL NEW FLEXIBLE HOSES FROM FIREWALL FORWARD. BUILT USING OLD FITTINGS, BY IMC.
- (2) CLEANED, INSPECTED, AND REPAINTED ENGINE MOUNT.
- (3) INSTALLED NEW FIREWALL ENGINE MOUNTS PN 0550155 AND PN 0550154-2.
- (4) INSTALLED NEW BOLTS AND NUTS ON ALL ENGINE MOUNTS, TORQUED AS PER MM.
- (5) REPLACED ALTERNATOR BELT PN LW74519.

ADJUSTED IDLE RPM AND MIXTURE FOR 700RPM AND 25RPM RISE.
ADJUSTED OIL PRESSURE RELIEF VALVE TO 100PSI MAX AT T/O POWER.
SERVICED WITH MOBILE RED BAND 100 STRAIGHT MINERAL OIL.

----- CONT. ON NEXT PAGE -----

28 SEPTEMBER 1984. CONT.

INSTALLED THE FOLLOWING ACCESSORIES AT THIS TIME.

ACCESSORY	MFG	PN	SN	HRS AT INST.	OH BY
ALTERNATOR	PRESTOLITE	ALY8403	5C000023	? REUSED	
AIRPUMP	GARWIN	G-455	3234	0	A/C SYSTEMS
FUEL PUMP				? REUSED	
MAGNETO(R)	BENDIX	S4LN-20	614224	0	G & N
MAGNETO(L)	BENDIX	S4LN-21	A12596E3	0	G & N
PROP GOV.	HARTZELL	F-3-1A	742X	0	A/C PROP SER
STARTER	HARTZELL	HC-C2YK-1B	CH8871	0	A/C PROP SER
OIL COOLER	HARRISON	AP07AU06-03	FF781	0	G & N
CARB	MARVEL SCHEBLER	MA4-5	G-12-829	0	G & N
			VMF		

RAN ENGINE, CHECKED FOR OIL LEAKS AND PROPER OPERATION OF ALL SYSTEMS. PERFORMED TEST FLIGHT OK.

David Harper A&P 521903713, COMM. 521903713

END

9-28-84 Eng TT 1896.94 Eng Hr SMO=0 Tack time 4667.60

Total Eng Hr = Tack time ^{minus} = 2770.66 Hr.

Eng Hr S.M.O. = Tack time ^{minus} = 4667.60 Hr.

I certify that this aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Alfred D Fullerton
AP 348401046 IA

AC TT 4774.71 TSOH 47.11

7 July 1985 Drained engine oil & replaced with 8 quarts of Aeroshell 15 W50 detergent oil, removed oil suction screen, inspected & cleaned, reinstalled with new gasket, Engine run & leak check OK.
David E. Harper A&P 521903713

11/13/85
TR. 4782.56 hr
ENG T.T. 1961.90 hr
ENG SMO 64.96 hr
annual inspection of engine c/w this date and time following maintenance c/w; c/w AD 82-07-62 inspection of ice hole in breather found covered installed smaller diameter clamps and repositioned breather tube (one time inspection), Replaced Eng (continued)

(Continued)

air filter element P/N C294810-0301, installed and torqued rocker cover screws, installed spiral wrap to oil cooler top line where chipping of left magnetos housing, Replaced carb heat cable swivel bolt at airbox, C/w AD69-15-03 muffler inspection found cracked replaced with new muffler P/A ^{AVCON} 15006-2 next inspection due in 50 hrs TR. 4782.56 then every 100 hrs there after, Fabricated new oil return line at #3 cyl and replaced 45° fitting at #3 cyl head for oil return line, Sealed + torqued + replayed oil filler tube, Installed new O-Ring of prop governor oil line, Replaced #3 cyl exhaust gasket, Repositioned #2 + #4 lower spark plug heads to get them away from exhaust manifold of #4 cyl, Engine Compression test results; #1 - $\frac{70}{80}$ #2 - $\frac{70}{80}$ #3 - $\frac{78}{80}$ #4 - $\frac{72}{80}$, Removed and checked oil filter screen found no contaminants, cleaned + gapped + bomb tested all spark plugs,

(Continued)

(Continued) checked magnetos timing and found OK, regreased poppet valves, drained fuel ^{from} carb bowl, got run engine found no oil leaks, Engine found to be airworthy and returned to service this date — END —

Jeffery W. Elliott AIP 341433713

4768 101 hrs since O/H TACIT Reads 4768
 4667 12-1-86 100 hr inspection completed
 101 Compression Test with 80 PSI in a
 # 1 - 73, 2 - 72, 3 - 71, 4 - 74

Installed new Champ PEM 402 Plugs, Changed oil and cleaned oil screen, replaced fuel pump gasket, cleaned carb inlet screen and drained fuel bowl. Finally that this engine has been inspected in accordance with a 100 hr inspection and determined to be in airworthy condition.

W. Mills AIP 1434125.

DATE	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.)
19 87	4773.74	-	SMOH 106	REMOVED ROCKER COVERS & INSPECTED AS PER LYCOMING S/B #477A-D AS P/N 74636 AND 69444 ROCKER AR REPLACED ALL 75906 GASKETS. - End - Kirk Swanic AP 361402088TH
6/9/87	Act. T.T. 4773.74			AD 57-10-06 N/A per compliance check of lycoming S/B 477A - End - AP 361402088TH
11/16/87	TACH 4788.69	SMOH 121	TOTAL A/C 6216.69 CORRECTED TOTAL TIME 5080	PERFORMED ANNUAL/100 HR ENGINE INSPECTION USING MFG'S CHECKLIST. CHANGED OIL, ADDED 8 QTS AEROSHELL 15WSO AD OIL & 1 BOTTLE LYCOMING P/N LW16702 ADDITIVE, INSPECTED & CLEANED SUMP SCREEN & OIL SCREEN. CHECKED COMPRESSION: 1: 79/80 2: 77/80 3: 78/80 4: 78/80. INSPECTED, CHECKED GAP & ROTATED SPARK PLUGS. CLEANED LEADS & SPRINGS & PERFORMED HI-TENSION CHECK. CHECKED POINT GAP & CONDITION, CHECKED MAG TIMING. TORQUED ROCKER COVER SCREWS. DRAINED CARB SUMP, RESAFTED

DATE	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19 87				CLEANED CARB INLET SCREEN. CLEANED FUEL PUMP SCREEN AND GASOLATOR. CLEANED INDUCTION AIR FILTER, REPLACEMENT AS PER AD 84-26-02 DUE 5232 TACH. CLEANED ENGINE, LUBED CONTROLS & CHECKED TRAVEL. SMOOTHED NICKS IN PROP, GREASED AS REQ. STOP DRILLED CRACKS IN BAFFLING: (1) ABOVE LEFT ENG MT. (2) ABOVE RT. ENG MT. (3) SURROUNDING OIL COOLER REPLACED ALL ENG. MT. NUTS (FIBER-LOCK) WITH ALL- STEEL NUTS, RE-RIVETED BAFFLE SEAL WHERE REQUIRED, INSTALLED BOOT OVER STARTER TERMINAL. REMOVED MUFFLER & SHROUD AND INSPECTED AS PER AD 69-15-03, OK. NEXT INSP. DUE 4888. TACH AS PER PARA. "A" UNTIL MUFFLER REACHES 950 HRS (5167 TACH) THEN DUE EVERY 50 HOURS AS PER PARA "B". REMOVED 1/32" OF METAL FROM MUFFLER SHROUD INTERNAL TANGS TO PREVENT CHAFING ON MUFFLER CORE. STOP DRILLED NUMEROUS CRACKS IN CARB HEAT BOX. COMPLIED W/ AD 86-24-07 ENG CONTR ROD ENDS BY REPLACING PROP GOV. BOLT & NUT ASSY. WITH

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1987				
	CONT			CASTELLATED NUT & COTTER KEY. AD STATUS CHECKED THRU 87-20 AND FOUND TO BE IN COMPLIANCE, SEE REVISED AD LIST W/ A/C LOG. — End —
				I CERTIFY THIS... <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN... <u>ANNUAL</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION KIRK S. SWANICK A&P 3614020881A <i>Kirk Swanick</i>
11/23	4825.8	SMOH 15.8	TOTAL/AC 5118.19	COMPLETED ANNUAL/100 HR ENGINE INSPECTION. CHANGED OIL, ADDED 8 QTS. AEROSHELL 15W50 AD OIL & 1 BOTTLE LYCOMING ADDITIVE P/M LW116702. CHECKED & CLEANED FILTER SCREEN AND SUCTION SCREEN. CHECKED COMPRESSION: 1: 78/80 2: 79/80 3: 76/80 4: 79/80. INSPECTED, CHECKED GAP & ROTATED SPARK PLUGS. CLEANED LEADS & SPRINGS. CHECKED POINT GAP & CONDITION, CHECKED MAG TIMING. DRAINED CARB BOWL, CLEANED FUEL PUMP SCREEN & GASCOLATOR. CLEANED INDUCTION AIR FILTER, REPLACEMENT AS PER <u>AD 84-26-02</u> DUE 5232 TACH. CLEANED ENGINE,

DATE	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1988				
	CONT			LUBED CONTROLS & CHECKED TRAVEL. SMOOTHED KICKS IN PROP, GREASED AS REQUIRED, INSTALLED PROTECTIVE BOOTS OVER BATTERY SOLENOID TERMINALS. INSTALLED DOUBLER ON #4 CYL. RAFFLING. AD STATUS CHECKED THRU 88-22 AND FOUND TO BE IN COMPLIANCE, WITH THE FOLLOWING AD'S DUE AS LISTED: <u>AD 84-26-02</u> INDUCTION AIR FILTERS DUE 5232 TACH <u>AD 69-15-03</u> AV CON MUFFLER INSP: DUE 4888 TACH AS PER PARA. "A" UNTIL MUFFLER REACHES 950 HRS (5167 TACH) THEN DUE EVERY 50 HRS AS PER PARA "B". — End —
				I CERTIFY THIS... <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN... <u>100 hr Annual</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION KIRK S. SWANICK A&P 3614020881A <i>Kirk Swanick</i>

DATE	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-8-89				
				10-8-89 A/C Total Time 5187.31 A/C Tach 4894.92 TSOH 227
				Drained Engine oil and replaced with 8 quarts Aeroshell 15 W 50. Removed oil screens and inspected for contamination, found none. Cleaned oil screens and installed with new gaskets. Ran engine and checked for leaks, found none.
				Steven L. Dieck A/P 392665972
12-11-89				
				12-11-89 TACH READS 4902.6 I certify that this engine has been inspected in accordance with an Annual inspection and determined to be in airworthy condition. AD 69-15-03 inspection of muffler fu (no defects found) (84-26-2 due at tact 5232) Cleaned fuel inlet screen & drained carb bowl. Compression check with SPS IW #1-79, 2-76, 3-77, 4-77. Magnet Mtlh 1A1434125

DATE	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1982				
3/7/80				
				3/7/80 C.W. AD 90-04-06 "Prop Governor External Oil Line" Complied with by inspection of line and support clamps. Assembly found O.K. END
				Steven L. Dieck A/P 392665972
7/8/80				
				7/8/80 A/C Total Time 5241.28 A/C Tach 4948.89 TSOH 281
				Drained engine oil and replaced with 8 quarts Aeroshell 15W50. Removed oil screens and inspected for contamination, found none. Cleaned oil screens and installed with new gaskets. Ran engine and checked for leaks, found none. END
				Steven L. Dieck A/P 392665972
4/11/91				
				4/11/91 4968.14 Tach Completed 100 hr/Annual Inspection. Drained oil, removed oil screens and inspected for contamination, found none, cleaned oil screens and installed with new gaskets. Cleaned and gapped spark plugs. Checked Magneto point condition and gap. Checked magneto timing. C/W AD 69-15-03 Muffler Assy. Inspection Due 5068 hrs or next annual insp. AD 84-26-02 Due 5232 Hrs Tach. (Induction Air Filter Replacement). AD 78-09-07-R3 Impulse Coupling Inspection, Due 5167 Hrs Tach. Repaired CONT.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1991				- CONT. - Cracked Baffle at #4 cyl A.D.'s checked through 91-06 and found to be in compliance. Compression checked: *1-77/80 *2-78/80 *3-76/80 *4-78/80 Steven L. Reed AIP 392665972
6/18/91	T.R. 4993			Checked availability of Precision Airmotive of Service Bulletin # mSA-2 dated 10-15-90 regarding Facet Bulletin # A1-90 found N/A per Engine model # and Carburetor model # - End - Jeffrey W. Elliot AIP 341488713
12/3/91	T.R. 5015.3 T.T. SCH 358			Drained Engine oil and added (7) qts Aeroshell 30 WT detergent oil. - End - Jeffrey W. Elliot AIP 341488713
5/2/92	TACH: 5037.05 T.S.M.H. 369.75 (END)			PERFORMED ANNUAL INSPECTION AS PER CESSNA 172 INSPECTION CHECK-LIST. CHANGED OIL WITH 8QTS 50WT (100W) AEROSHELL. INSPECTED & CLEANED OIL SCREEN & JUNCTION SCREENS. REPLACED ALL ROCKER ARM COVER GASKETS, e/w CESSNA A.D. 69-15-03. INSPECTION OF MUFFLER - CHECKED GOOD AT THIS TIME. REPLACED 4 SPARK PLUGS (REM 40E). RE-TORQUED PROP GOVERNOR MOUNTING BOLTS (OIL SEEPAGE). CHECKED L & R MAGNETO BREAKER POINTS & TIMING TO ENGINE. COMPRESSION: 1=70, 2=76, 3=72, 4=74. A.D.'S CHECKED FOR COMPLIANCE AS APPLICABLE THRU 92-07.
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Michael R. Hance AIP 263809565 IA

DATE 19 92	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-9-92	TACH: 5064.25			CHANGED OIL WITH 8 QTS AEROSHELL 50WT (100AD). REMOVED FILTER SCREEN, NO CONTAMINATES FOUND, CLEANED & RE-INSTALLED. RAN-UP ENGINE & CHECKED FOR LEAKS - D.K.
				<i>Arnold J. Mace</i> A#P263809565JA
8-12-92	TACH: 5070.0			A.D. 92-15-16, CARB FLOATS, N/A AS PER MODEL & DATE OF MANUFACTURE.
				<i>Arnold J. Mace</i> A#P263809565JA

1992	TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY
8-17-92	TACH: 5089.25			CHANGED OIL WITH 8 QTS AEROSHELL 50WT (100AD). CLEANED FILTER SCREEN - CHECKED GOOD - NO CONTAMINATES. WASHED DOWN ENGINE, RAN-UP SHOWED NO LEAKS
				<i>Arnold J. Mace</i> A#P263809565JA
1-12-93	TACH: 5099.0			REPLACED MUFFLER ASSY WITH OVERHAULED UNIT. A.D. 69-15-03 C/W AT THIS TIME.
				<i>Arnold J. Mace</i> A#P263809565JA

19	TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC LISTINGS)
8/3/93			NEED OIL	CHANGED OIL TO 100W WITH 100Z AEROSHHELL 50WT. (1000Z) FUEL CHECKED & CLEANED. MAGNETIC CHECKED GOOD.
TACH: 5197.0				
				<i>Richard F. Moore</i> APP 263809565 L 27
3/1/94	5229.1			PERFORMED ANNUAL INSPECTION PER CESSNA 172 SERVICE MANUAL: CHANGED OIL 7ATS. AEROSHHELL 100W. INSTALLED 8 NEW CHAMPFLOW REM 40R SPARK PLUGS: NEW AIR FILTER PIN C294510-0301 COMPRESS CR (1) 78 (2) 77 (3) 76 (4) 76 CIW AD 67-15-03 MUFFLER INSPECTION CIW AD 84-26-02 AIR FILTER REPLACED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. E. A. WOOLHAM APP 1671339 FA.
TSO 561.5				

19	TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC LISTINGS)
3-30-94	5230.4			CIW AD 94-06-09 BY COMPLIANCE WITH TELETYPE CONT SERVICE BULLETIN CSB 641 L/MAG PIN 10-51360-37 SN 12556 R/MAG PIN 10-51360-29 SN 614224 E. A. WOOLHAM APP 1671339
TSO 563.04				
6-16-95	TACH 5263.46			ANNUAL INSPECTION COMPLETED THIS DATE PER CESSNA 172 SERVICE MANUAL INSTALLED NEW HARTZELL PROPELLER PIN H C-CZYK-18F: NEW IONTRON HARNESS PIN A2-1A5II (SKYTRONIC) CHANGED OIL AEROSHHELL 100W 7ATS. CLEAN PIPTER SCREWS COMP #1-78PSI (2) 77PSI (3) 75PSI (4) 78PSI CLEANED AGARRED PLUGS. AD 94-01-03 CIW BY AEROMAG. BENZIE (54LN-20 SN 614224) (54LN-21 SN 12596) AD 78-09-09 CIW BY AEROMAG SN 12596 NEXT DUE AT 5763 TACH TIME. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN (OVER)
TSO 596.10				

6-16-88	TACH	5263.46	ACCORDANCE WITH AN ANNUAL INSPECTION & WAS DETERMINED TO BE AIRWORTHY. E. M. Washburn ATP 1671339 IA
	T.S.O.	596.10	
7-13-86	TACH	5281.60	ANNUAL INSPECTED (COMPLETED THIS DATE PER 172 SERVICE MANUAL & LVC SERVICE
	T.S.O.	614.24	ENGST. CHANGED OIL & OILS Aeroshell 100W
	PROP	18.14	CHECKED OIL SCREENS, CLEANED & GRIPPED PLUGS; DRAINED CARB SEAP. CHECKED BATH SCREENS; COMPLETE WITH AD 96-09-06
			ARMCHETT AIR ENG. NEXT DUE AT 5381 TACH, AD 96-12-07. BEWARE PCW (78-09-07) DUE AT 5763 TACH; COMP. (1) 80-78 (2) 80-77 (3) 80-76 (4) 80-75. I CERTIFY THIS ENG HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & WAS DETERMINED TO BE AIRWORTHY. E. M. Washburn ATP 1671339 IA

DATE	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1997				
4-25-97	5290.42	8	2-97	TACH 5292.4 ANNUAL INSPECTION COMPLETED THIS DATE PER 172 SERVICE MANUAL & LVC SERVICE INST. CHANGED OIL INSTALLED 8 OILS AEROSHELL 100W CHECKED OIL SCREENS & FUEL SCREENS. CHECKED PLUGS. COMP CHECK (1) 80-79 (2) 80-78 (3) 80-79 (4) 80-78. I CERTIFY THIS ENGINE WAS INSPECTED FOR AN ANNUAL INSPECTION & WAS DETERMINED TO BE AIRWORTHY. E. M. Washburn ATP 1671339 IA
	T.S.O.			
	625.04			
	PROP			
	28.94			
1-25-98	TACH			CHANGED OIL INSTALLED 7QT AEROSHELL 100W = E. M. Washburn ATP 1671339
	5912			
8-29-98	TACH			ANNUAL INSP. COMPLETED PER 172 SERVICE MANUAL & LVC SERVICE INST. AEROSHELL 100W TOB
	T.S.O.			COMP. CHECK (1) 78 (2) 77 (3) 78 (4) 77. I CERTIFY THIS ENGINE WAS INSPECTED FOR AN ANNUAL INSPECTION & WAS DETERMINED AIRWORTHY. E. M. Washburn ATP 1671339 IA
	PROP			
	50.23			

19 ⁹⁸	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-9-98	5316.7			Changed oil 7 QTS Aeroshell 40-80W INSTALLED. E.M. Washburn A&P 1671339
10-27-99	5320			ANNUAL INSP. COMPLETED PER 172 SERVICE MANUAL ↓ LYC SERVICE INST. INSTALLED 8QT AEROSHELL 80W. T.S.O. 652864 Prop. 566546IN CLEANED AND GAPPED SPARK PLUGS INSTALLED NEW PLUG GASKETS. COMPRESSION CK (1) 80/78 (2) 80/76 (3) 80/76 (4) 80/78. I CERTIFY THIS ENGINE WAS INSPECTED PER AN ANNUAL INSPECTION & DETERMINED AIRWORTHY: E.M. Washburn A&P 1671339 IA

7/15/00 Tach. 5322:00
TTSN 2524:58 TSOH 654:64
Prop. 58:54 TTSN
Oil change with 7 qts Aeroshell 50W
Compression: (1) 78 (2) 78 (3) 76 (4) 78
80

This engine has been inspected I/A/W an annual inspection and has been determined to be airworthy.
Johnny Parker 405669343 A&P IA

Johnny Parker

DAT

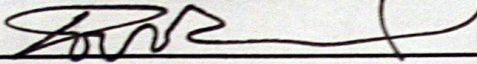
29-Nov-00 Tach - 5372

19

Oil Change with 7 qts Aeroshell Oil W100, SEA 50

Completed By:

Tom Brand - Certificate # 321647945

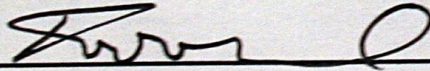


12-Dec-00 Tach - 5391

Oil Change with 7 qts Aeroshell Oil W100, SEA 50

Completed By:

Tom Brand - Certificate # 321647945

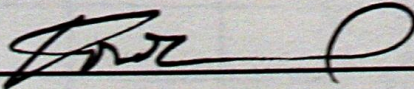


20-Dec-00 Tach - 5416

Oil Change with 7 qts Aeroshell Oil W100, SEA 50

Completed By:

Tom Brand - Certificate # 321647945

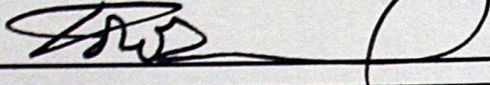


10-Mar-01 Tach - 5420

Oil Change with 7 qts Aeroshell Oil W100, SEA 50

Completed By:

Tom Brand - Certificate # 321647945

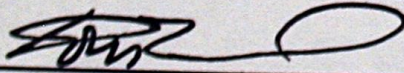


26-Apr-01 Tach - 5452

Oil Change with 7 qts Aeroshell Oil W100, SEA 50

Completed By:

Tom Brand - Certificate # 321647945

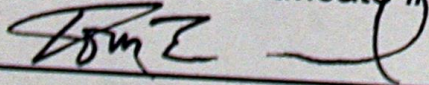


27-May-01 Tach - 5483

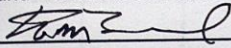
Oil Change with 7 qts Aeroshell Oil W100, SEA 50

Completed By:

Tom Brand - Certificate # 321647945



19-Jul-01 Tach - 5508
Oil Change with 7 qts Aeroshell Oil W100, SEA 50
Completed By:
Tom Brand - Certificate # 321647945



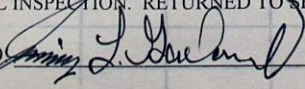
S & S AVIATION CO
CHEROKEE COUNTY AIRPORT
1800 AIRPORT DRIVE
BALL GROUND, GA.

MODEL: LYCOMING O360-A1A
A/C REG: N7441T
A/C S/N: 47041
ENG S/N: L-15739-36A

DATE: 08-10-01
TACH: 5520.20
TOTAL: 2722.58
SMOH: 852.64

OIL DRAINED. SCREEN REMOVED AND CHECKED. REMOVED ENGINE, REPLACED OIL PUMP GEARS WITH P/N AEL181095 GEAR KIT TO COMPLY WITH AD96-09-10. REPLACED OIL PUMP SHAFT WITH SERVICABLE UNIT, P/N 61174-U. REPLACED CRANKCASE VENT HOSE. REINSTALLED ENGINE. SERVICED WITH 8 QTS AEROSHELL W100 OIL. COMPRESSION CHECKED: #1-78, #2-79, #3-76, #4-79. REPLACED FIVE SPARK PLUGS WITH NEW RHM40E. REMOVED BOTH MAGS, INSPECTED AND SET E GAP. **COMPLIED WITH AD96-12-07 MAGNETO IMPULSE COUPLING BY INSPECTION. IGNITION TIMING CHECKED. INSTALLED NEW BA-5110 BRACKETT AIR FILTER HOUSING AND FILTER. FUEL SCREEN CHECKED. ENGINE WASHED, RAN AND LEAK CHECKED. ENGINE INSPECTED IAW AN ANNUAL INSPECTION. RETURNED TO SERVICE.**

SIGNED:



CERT#: 256295713 A&P IA

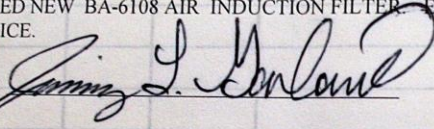
S & S AVIATION CO
CHEROKEE COUNTY AIRPORT
1800 AIRPORT DRIVE
BALL GROUND, GA.

MODEL: LYCOMING O360-A1A
A/C REG: N7441T
A/C S/N: 47041
ENG S/N: L-15739-36A

DATE: 09-04-02
TACH: 5673.6
TOTAL: 2876.0
SMOH: 1006.0

OIL DRAINED. SCREEN REMOVED AND CHECKED. SERVICED WITH AEROSHELL W100 OIL. COMPRESSION CHECKED: #1-77, #2-78, #3-78, #4-78. IGNITION TIMING CHECKED AND ADJUSTED. FUEL SCREEN CHECKED. INSTALLED NEW BA-6108 AIR INDUCTION FILTER. ENGINE WASHED, RAN AND LEAK CHECKED. RETURNED TO SERVICE.

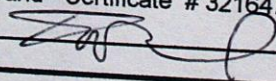
SIGNED:



CERT#: 256295713 A&P IA

16-Nov-02 Tach - 5697
Oil Change with 7qts Aeroshell Oil W100, SEA 50

Completed By:
Tom Brand - Certificate # 321647945



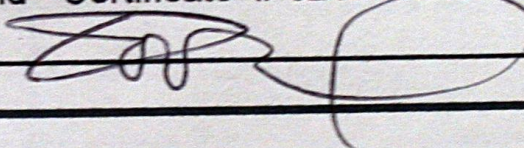
12-Feb-03

Tach -5723

Oil Change with 7qts Aeroshell Oil W100, SEA 50

Completed By:

Tom Brand - Certificate # 321647945



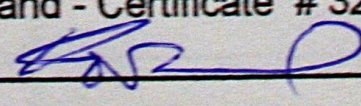
4-Apr-03

Tach - 5738

Oil Change with 7qts Aeroshell Oil W100, SEA 50

Completed By:

Tom Brand - Certificate # 321647945



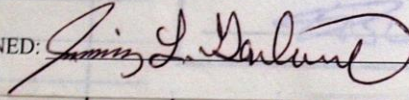
S & S AVIATION CO
CHEROKEE COUNTY AIRPORT
1800 AIRPORT DRIVE
BALL GROUND, GA.

MODEL: LYCOMING O360-A1A
A/C REG: N7441T
A/C S/N: 47041
ENG S/N: L-15739-36A

DATE: 05-30-03
TACH: 5769.1
TOTAL:
SMOH:

OIL DRAINED. SCREEN REMOVED AND CHECKED. SERVICED WITH AEROSHELL W100 OIL. ENGINE WASHED, RAN AND LEAK CHECKED. RETURNED TO SERVICE.

SIGNED:



CERT#: 256295713 A&P IA

25-Jul-03 Tach - 5807
Oil Change with 7qts Aeroshell Oil W100, SEA 50
Completed By:
Tom Brand - Certificate # 321647945

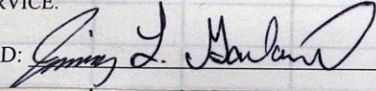
S & S AVIATION CO
CHEROKEE COUNTY AIRPORT
1800 AIRPORT DRIVE
BALL GROUND, GA.

MODEL: LYCOMING O360-A1A
A/C REG: N7441T
A/C S/N: 47041
ENG S/N: L-15739-36A

DATE: 09-23-03
TACH: 5876.9
TOTAL: 3079.3
SMOH: 1209.3

OIL DRAINED. SCREEN REMOVED AND CHECKED. SERVICED WITH AEROSHELL W100 OIL. COMPRESSION CHECKED: #1-78, #2-79, #3-79, #4-79. IGNITION TIMING CHECKED AND ADJUSTED. FUEL SCREEN CHECKED. INSTALLED NEW BA-6108 AIR INDUCTION FILTER. ENGINE WASHED, RAN AND LEAK CHECKED. RETURNED TO SERVICE.

SIGNED:



CERT#: 256295713 A&P IA

N7441T - ENGINE LOGBOOK
10/30/03 - Remove Spark plugs and
TACH: 5894.1 Install SEA new spark plugs
PIN REMOVE. Run engine. No defects
noted in work performed. All maint.
done I/A/W Current Cessna/Lycoming
Instructions & FAR's. M) (Plowman
A44252553862

N7441T — ENGINE LOGBOOK

4/8/04 — Drained oil & serviced system
TACH: 5938.04 with 8qts. Aeroshell W100
SAE 50 oil. Removed oil screen, cleaned &
reinstalled using new gasket P/N 6L61173.
Run engine. No leaks or defects noted in
work performed. All maint. done I/A/W
Current Cessna / Lycoming Instructions & FAR's.
Mark Plouder ATP 257553862

10/8/04	TACH: 6015.8	TSMOH: 1348.2	100hr inspection of this engine & prop complete this date. Cleaned, Gapped & Rotated Spark plugs. Cleaned Fuel screen, cleaned oil sump screen & main screen. Install 4EA new Lycoming cylinders Form 8730-3 provided with this entry. Serviced oil system with 8qts. Aeroshell 100 SAE 50 mineral oil. Removed Left magneto & C/W AD 96-12-07 on impulse coupling, "X" valves; .034" & .033" Next due Tach: 6515.8. Reinstalled Left mag & timed both mags to spec. Wash & Run engine. No leaks or defects noted in work done. All maint. done I/A/W Current Lycoming Inst. & FAR's. I certify that this engine & prop have been inspected I/A/W. A 100HR inspection & were found to be in an Airworthy Condition and are approved for return to service.
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Mark Plouder ATP 232553862

DATE 10-8-04 TACH 6075.8 STSMO 7328.2
 I CERTIFY THAT THIS ENGINE/
~~AIRFRAME~~ HAS BEEN INSPECTED
 IN ACCORDANCE WITH A ~~100HR~~/
 ANNUAL INSPECTION AND FOUND
 TO BE IN AIRWORTHY CONDITION
 Ronald A. Mendenhall
 A&P 2071969-JR
 TTE 3281.4

19__	TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	10/11/04	TACH: 6017.3		A test flight was performed with owner. Performed satisfactory post flight of engine. Mark D. Clouder A&P 252553862

N7441T
 2/2/05
 TACH: 6048.03 with 8qts Aeroshell 150
 mineral oil. Cleaned lower spark plugs.
 Run engine. No leaks or defects noted
 in work done. All maint. done I/A/w
 Current Cessna / Lycoming Instructions
 and FAR's. Mark D. Clouder
 A&P 252553862

N7441T Engine Logbook
 5/10/05
 TACH: 6083.78 Drained oil & serviced with
 8qts. Aeroshell 1500 oil. Cleaned oil screen,
 no unusual material noted. Run engine, no
 leaks or defects noted in work done. All
 maint. done I/A/w Current Lyc. / Cessna
 instructions & FAR's. Mark D. Clouder
 A&P 252553862

19	TIME	FLIGHT	SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/29/05	12/1/05	TACH: 6118.69	TSMOH: 1485.09	100 hour inspection of this engine complete this date. Compressions: ①76 ②78 ③78 ④78 over 80 psi hot. Checked ignition timing. Cleaned, Gapped & rotated spark plugs. Drained oil & serviced w/ 8qts. A.S. W80 oil. Cleaned oil screen. Installed overhauled muffler & stacks, 8130-3 provided with this entry. Run engine. No leaks or defects noted in work done. All maint. done I/A/W Current (PSSM) Licensing Service Information & FAR's. I certify that this engine has been inspected I/A/W A 100 HOUR inspection & was found to be in an Airworthy Condition & is Approved For Return to Service. Mark D. Clowder A&P 3064050

12/1/05 Engine Maintenance Records
 Date ~~11/29/05~~ Tach 6118.69 TTE 3384.03
 TSMOH 1485.09 S/N L-15739-36A 0-360-A1A
 I certify that this engine has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.
 Ronald G. Hester A&P2071969IA
Ronald G. Hester

Engine Logbook
 N7441T
 10/4/06 TACH: 6167.23 Drained oil & serviced with 8qts. Acroskell W80 SAE 40 oil. Removed, cleaned & re-installed oil screen using new gasket. NO UNUSUAL material noted. Run eng. NO LEAKS or DEFECTS noted in work done. All maint. done I/A/W APPROVED DATA & FAR'S. Mark D. Clowder A&P3064050

1/17/07 TACH: 6179.63 TSM: 1546.03 100 hour inspection of this engine complete this date I/A/W FAR 43 App D. Drained oil & serviced system with 8qts. A.S. W80 SAE 40 oil. Removed, cleaned & reinstalled oil screen, no unusual material noted. Cleaned, Gapped & Rotated Spark plugs. Checked ignition timing. Compressions: ① 78 ② 78 ③ 78 ④ 78 over 80 psi hot. Run engine. No leaks or defects noted in maint. done. All maint. done I/A/W Approved Data & FAR'S. I certify that this engine has been inspected I/A/W A 100 hour inspection & was found to be in an Airworthy Condition, on this date, & is Approved for Return to Service. *Mark D. Clouder* APP 3064050

N7441T eng s/n L-15739-36A date 01-17-2007 tach 6179.63
 I certify that this engine has been inspected in accordance with a annual inspection and was determined to be in airworthy condition. Ronald G. Hester A&P2071969IA
 TTE 3444.97
 TSMO 1546.03 *Ronald G. Hester*

19	TACH TIME	DAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				2/5/08 TACH: 6218.17 TSM: ^{1584.57} 1584.57 100 hour inspection of this engine complete this date I/A/W FAR 43 App D. Drained oil & serviced system with 8qts. Ameskill W80 SAE 40 oil. Cleaned main oil screen, no unusual material noted. Cleaned, Gapped & Rotated spark plugs. Checked ignition timing. Compressions: ① 78 ② 78 ③ 78 ④ 78 over 80 psi hot. Run engine. No leaks or defects noted in maint. done. All maint. done I/A/W Approved Data & FAR'S. I certify that this engine has been inspected I/A/W A 100 hour inspection & was found to be in an Airworthy Condition, on this date, & is Approved for Return to Service. <i>Mark D. Clouder</i> APP 3064050

N7441T eng s/n L-15739-36A date 2/5/08
 Tach 6218.17
 I certify that this engine has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.
 Ronald G. Hester A&P2071969IA
 TTE 3483.41
 TSMO 1584.57
Ronald G. Hester

19	TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY: (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
4/2/09	TACH: 6247.26	TSO# 1613.66	100 hour inspection of this engine complete this date I/A/W FAR 43 App'd.	
			Drained oil & serviced system with 8qts. Aeroshell W100 SAE 50 oil. Removed, Cleaned & Reinstalled main oil screen using a new gasket, no unusual material noted. Cleaned, Gapped & Rotated Spark Plugs. Checked ignition timing. Compressors: ① 78 ② 77 ③ 76 ④ 76 over 80 psi hot. Washed & Run engine, no leaks or defects noted in maint. done. All maint. done I/A/W Approved Data & FAR's.	
				Mark D. Clowder A&P 3064050

N7441T eng s/n L-15739-36A tach 6247.26 date 4/2/09
 I certify that this engine has been inspected in accordance with a
 Annual inspection and was determined to be in airworthy
 condition. Ronald G. Hester A&P2071969IA
 TTE 3512.50
 TSMO1613.66 Ronald G. Hester

19	TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY: (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
6/1/10	TACH: 6274.90		Drained oil & serviced with 8qts A.S. W100 oil. Removed, Cleaned & Reinstalled main oil screen. Checked ignition timing. Cleaned, Gapped & Rotated Spark plugs. Compressors: ① 78 ② 78 ③ 78 ④ 78 over 80 psi hot. Installed a new induction filter BA6108. Adjusted idle RPM to Spec. Owner has been advised that both magnetos need overhaul ASAP. Run engine, no leaks or defects noted in maint. done. All maint. done I/A/W Approved Data & FAR's. Maint. done by Ronald Hester & Approved by my wife.	
				Mark D. Clowder A&P 3064050

N7441T eng s/n L-15739-36A tach 6274.90 date 6/1/10
 I certify that this engine has been inspected in accordance with a
 Annual inspection and was determined to be in airworthy
 condition. Ronald G. Hester A&P2071969IA
 TTE 3541.14
 TSMOH 1642.30 Ronald G. Hester

19	TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/25/11	TACH: 6310.00		Drained oil & serviced with 8qts. A.S. W100 SAE 50 oil. Cleaned main oil screen, no unusual material noted. Cleaned, Gapped & Rotated Spark Plugs. Compressions: ① 78 ② 78 ③ 78 ④ 78 over 80 psi hot. New induction Filter BAG108. Removed both magnetos & Routed to Big C Aviation where they were Overhauled, see 8130 forms provided with this entry, reinstalled & timed mag's LH S/N A12596, RH S/N 614224. Run engine, no leaks or defects noted in maint. done. All maint. done I/A/W Approved data & FAR's.	Mark D. Clowder A&P 3064050

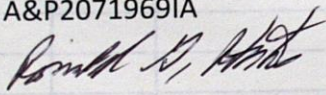
N7441T eng s/n L-15739-A tach 6310.00
 Date 8/25/11
 I certify that this engine has been inspected in accordance with a **Annual** inspection and was determined to be in airworthy condition.
 Ronald G. Hester A&P2071969IA
 TTE 3576.14 *Ronald G. Hester*
 TSMOH 1677.30

19	TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/13/12	TACH: 6348.01		Drained oil & serviced with 8qts. A.S. W80 SAE 40 oil. Cleaned oil screen, no unusual material noted. Cleaned, Gapped & Rotated Spark plugs. Checked ignition timing. New induction Filter. Compressions: ① 78 ② 78 ③ 76 ④ 78 over 80 psi hot. Removed Complete Exhaust & system & routed to Aero space welding where it was repaired, see 8130-3 forms provided with this entry, Reinstalled system using new hardware, gaskets & clamps. Installed 4ea new valve cover gaskets, 4ea new intake hoses & gaskets, 4ea new valve cover drain hose couplings. Wash & run engine, no leaks or defects noted in maint. done. All maint. done I/A/W Approved DATA & FAR's.	Mark D. Clowder A&P 3064050

N7441T eng s/n L-15739-36A tach time 6348.01
 Date: 12/13/12
 I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
 Ronald G. Hester A&P2071969IA
 TTE 3577.35 *Ronald G. Hester*
 TSMO 1680.41

19	TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10/1/13	TACH: 6359.91	91	Cleaned #4 cyl Lower Spark plug. Installed a serviceable spark plug in #2 cyl top position. Run engine. No defects noted in maint. done. All maint. done I/A/W Approved DATA & FAR's.	Mark) Clowder A&P 3064050
3/1/14	TACH: 6375.94	94	Drained oil & serviced with 7qts A.S. W80 oil. Cleaned main oil screen & sump screen, no unusual material noted. Cleaned, Gapped & Rotated Spark plugs. Compressions: ① 78 ② 78 ③ 78 ④ 78 over 80 psi hot. New Induction Filter installed. Run Engine, no Leaks or defects noted in maint. & done. All maint. done I/A/W Approved DATA & FAR's.	Mark) Clowder A&P 3064050

Clowd Works, Inc. ph: 770-630-3753
N7441T eng s/n I-15739-36A tach 6375.94
Date: 3/1/14
I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Ronald G. Hester A&P2071969IA
TTE3605.28
TSMOH 1708.34



4/1/15	TACH: 6390.02	02	Drained oil & serviced with 7qts A.S. W100 SAE50 oil. Clean, Gap & rotated spark plugs. Checked ignition timing. Compressions: ① 76 ② 76 ③ 76 ④ 76 over 80 psi hot. Installed a new induction filter BAG108. Run engine, no leaks or defects noted in maint. done. All maint. done I/A/W Approved DATA & FAR's.	Mark) Clowder A&P 3064050
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Cloud Works, Inc. ph: 770-630-3753 tach 6390.02 date 4/1/15
N4771T eng s/n L-15739-36A

I certify that this engine has been inspected in accordance
with an annual inspection and was determined to be in
airworthy condition at the time of inspection.

Ronald G. Hester A&P20719691A

TTE 3619.36

TSMOH 1722.42

Ronald G. Hester

5/16/16	TACH:	6403.08	Drained oil & serviced with Tqts A.S. W100SAE50 oil. Checked ignition timing, cleaned, gapped & rotated spark plugs. Compressions: ① 76 ② 78 ③ 78 ④ 76 over 80 psi hot. New engine induction filter BA6108. Run engine, no leaks or defects noted in maint. done. Acc maint. done I/A/W Approved DATA & FAR's. <i>Mark</i> (Cloudline ASP 3064050)
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N7441T eng s/n L-15739-36A tach 6403.08 date 5/16/16
AD 15-02-07 Propeller governor Idler shaft set screw n/a by
engine model number. I certify that this engine has been
inspected in accordance with an annual inspection and was
determined to be in airworthy condition at the time of this
inspection. Ronald G. Hester A&P20719691A

TTE 3632.42 TSMOH 1735.48

Cloud Works, Inc. ph: 770-630-3753

Ronald G. Hester

6/29/17	TACH:	6411.08	Drained oil & serviced with Tqts ASW100 oil. Cleaned oil screen. Cleaned spark plugs. Checked ignition timing. Compressions: ① 78 ② 78 ③ 76 ④ 76 over 80 psi hot. New induction filter BA6108. Run engine, no leaks or defects noted in maint. done. Acc maint. done I/A/W Approved DATA & FAR's. <i>Mark</i> (Cloudline ASP 3064050)
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N7441T eng s/n L-15739-36A tach 6411.08 date 6/29/17

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at the time and date of this inspection.

Ronald G. Hester A&P2071969IA

TTE 3640.42

TSMOH 1743.48

Clowd Works, Inc. ph: 770-630-3753

6/4/19 TACH: 6419.1 Drained oil + serviced with Topps ASW100 SAE50 oil. Cleaned main oil screen, no unusual moisture noted. Cleaned spark plugs. Checked ignition timing. Compressors: ① 78 ② 76 ③ 76 ④ 76 over 80psi hot. New induction filter BA6108. Run engine, no leaks or defects noted in maint. done. Au maint. done I/A/W Approved DATA + FAR's. (Mark) (Clowdworks A&P 3064050

N7441T eng s/n L-15739-36A tach 6419.1 date 6/4/19

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at the time and date of this inspection.

Ronald G. Hester A&P2071969IA

TTE 3648.44

TSMOH 1751.50

Clowd Works, Inc. ph: 770-630-3753

N7441T

Engine Logbook

7/16/19 TACH: 6421.00 Installed 8EA new Spark Plugs REM 40E. Run engine. No leaks or defects noted in maint. done. Au maint. done I/A/W Approved DATA + FAR's. (Mark) (Clowdworks A&P 3064050

2020	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.)
8/12/20	TACH: 6442.07			Drained oil & serviced with Tqts AS W100 oil. Cleaned, gapped & rotated spark plugs. Checked ignition timing. Compressions ① 76 ② 76 ③ 78 ④ 76 over 80 psi hot. New Valve cover gaskets. Rvn engine, no leaks or defects noted in maint. done. Au maint. done I/A/W Approved DATA & FAR'S. Mark Cloudm Atp 3064050

N7441T eng s/n L-15739-36A tach 6442.8 date 8/12/20
 I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at the time and date of this inspection.
 Ronald G. Hester A&P2071969IA
 TTE 3672.14
 TSMOH 1775.20
 Ronald G. Hester
 Cloud Works, Inc. ph: 770-630-3753

19	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				N7441T Engine Logbook 1/15/21 TACH: 6451.9 Drained oil & serviced with Tqts A-S. W80 oil. Cleaned main oil screen, cleaned oil sump screen, no unusual material noted. Rvn engine, no leaks or defects noted in maint. done. Au maint. done I/A/W Approved DATA & FAR'S. Mark Cloudm Atp 3064050
	11/1/21 TACH: 6471.19		T50 H: 1803.59	S/N L-15739-36A Annual inspection of this engine complete this date. Drained oil & serviced with Tqts Phillips 20/50 oil. Cleaned main oil screen & sump screen, no unusual material noted. Cleaned, Gapped & Rotated Spark plugs. Checked ignition timing. Compressions: ① 76 ② 76 ③ 76 ④ 74 over 80 psi hot. Overhauled eng driven Fuel pump installed 5th ORV F07, see 8130-3 provided with this entry. Au new engine Flexible Fuel hoses made by Professional Aviation, Sea. Remove Complete Exhaust system & routed to AWI where it was Repaired / Overhauled, see 8130-3 forms provided with this entry. Reinstalled Exhaust with new gaskets & clamps. Washed & Rvn engine, no leaks or defects noted in maint. done. Au maint. done I/A/W Acceptable DATA & FAR'S. (cont) →

DATE	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.)
11/1/21	(Cont)			I certify that this engine has been inspected I/A/W AN ANNUAL Inspection & was found to be in an Airworthy Condition, on this date. Mark Cloudner A&P 3064050 IA
12/19/22	TACH: 6485.07	TSO H: 1817.47	S/N L-15739-36A	Annual inspection of this engine complete this date. Drained oil & serviced with 7qts Phillips 20/50. Cleaned main oil screen. Cleaned, Gapped & rotated Spark plugs. Checked ignition timing. Compressions: ① 78 ② 78 ③ 76 ④ 74 over 80 psi hot. Rvw engine, no leaks or defects noted in maint done. Au maint. done I/A/W Acceptable Data & FAR'S. I certify that this Engine has been inspected I/A/W AN ANNUAL Inspection & was found to be in an Airworthy Condition, on this date. Mark Cloudner A&P 3064050 IA
3/1/24	TACH: 6506.00	ERS ON: 1838.40	S/N L-15739-36A	on N7441T. Annual inspection of this Engine complete this date. Drained oil & serviced with 7qts Phillips 20/50 XC oil. Cleaned oil screen, no unusual maintenance noted. Cleaned Spark plugs. Compressions: ① 78 ② 78 ③ 76 ④ 74 over 80 psi hot. Removes both magnetos & Routed to QAA where they received a 500 hr inspection. Reinstalled & timed mass LH S/N A12596, RH S/N 614224, see 2ea 8730-3 Forms provided with this entry. Rvw engine, no leaks or defects noted in maint. done. Au maint. done I/A/W Acceptable Data & FAR'S. I certify that this Engine has been inspected I/A/W AN ANNUAL Inspection & was found to be in an Airworthy Condition, on this date. Mark Cloudner A&P 3064050 IA

12-Oct-2024

Tach - 6558

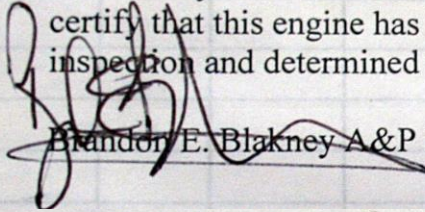
Oil change with 7 qts of Phillips 66 X/C 20W50

Completed By: Tom Brand - Certificate # 321647945

N7441T 4-17-2025 Engine
Cessna 172A S/N 47041 Tach 6576.2
Engine TSFacOH 1848.6 in 1984

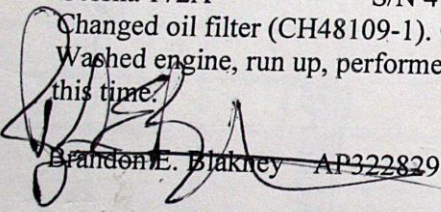
100 hour inspection completed and maintenance performed in accordance with FAR 43 Appendix D, Cessna 172A maintenance manual and parts catalog, and Lycoming engine manual. C/W FAR 91.417 Para (A) (2) (V) Researched and verified AD notes thru issue 25-07. Completed a new up to date computerized AD Note list and put with the aircraft records. Compression test hot and found all cylinders acceptable at this time. Minimum acceptable is 60/80 #1 61/80 #2 62/80 #3 60/80 #4 71/80. Inspected oil screen. No metal found. Washed engine and cowling. Tightened rocker box cover screws. Visually inspected engine area. All appears satisfactory. Cleaned, gapped, and tested all spark plugs and replaced copper washers. Visually inspected exhaust

system, fuel & oil hoses, engine rubber mounts and firewall. All appears satisfactory at this time. See AD list for one time and recurring AD's. "I certify that this engine has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition at this time."


Brandon E. Blakney A&P 3228297

N7441T 7-24-2025 Engine
Cessna 172A S/N 47041 Tach 6687.6

Changed oil filter (CH48109-1). Cut open filter and no metal found at this time. Washed engine, run up, performed ground runs, ops check and leak checked good at this time.


Brandon E. Blakney AP3228297

N7441T

9-26-2025

Engine

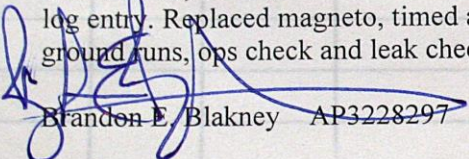
Cessna 172A

S/N 47041

Tach 6606.4

Changed oil filter (CH48109-1). Cut open filter and no metal found at this time.

Removed left magneto (S4LN-21, S/N A12596) for D&B Aircraft Engines (CRS# HX2R888K) to C/W AD 05-12-06 Impulse Coupling (WO# 18818). See 8130-3 with log entry. Replaced magneto, timed and torque nuts. Washed engine, run up, performed ground runs, ops check and leak checked good at this time.


Brandon E. Blakney AP3228297

N7441T

2-12-2026

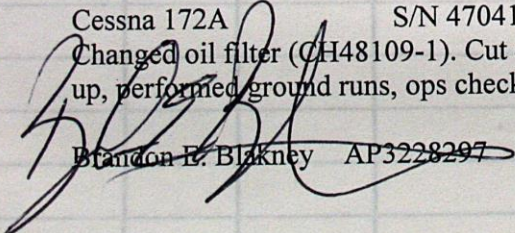
Engine

Cessna 172A

S/N 47041

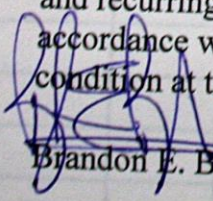
Tach 6637.15

Changed oil filter (CH48109-1). Cut open filter and no metal found at this time. Run up, performed ground runs, ops check and leak checked good at this time.


Brandon E. Blakney AP3228297

DATE N7441T 5-23-2026 Engine
19 Lycoming O360-A1A S/N L-15739-36A
Tach 6649.16 Engine TSFacOH 1921.56 in 1984
Eng TT 3818.5
100 hour inspection completed and maintenance performed in accordance with FAR 43 Appendix D, Cessna 172A maintenance manual and parts catalog, and Lycoming engine manual. C/W FAR 91.417 Para (A) (2) (V) Researched and verified AD notes thru issue 26-10. Completed a new up to date computerized AD Note list and put with the aircraft records. Compression test hot and found all cylinders acceptable at this time. Minimum acceptable is 60/80 #1 62/80 #2 62/80 #3 63/80 #4 67/80. Changed oil and filter. Cut open filter and no metal found at this time. Cleaned oil sump screen. Washed engine and cowling. Tightened rocker box cover screws.(Continued)

Visually inspected engine area. All appears satisfactory. Cleaned, gapped, and tested all spark plugs and replaced copper washers. Visually inspected exhaust system, fuel & oil hoses, engine rubber mounts and firewall. All appears satisfactory at this time. See AD list for one time and recurring AD's. "I certify that this engine has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition at this time."


Brandon E. Blakney A&P 3228297