ENGINE LOG

DATE 19 72	DURATION		ACCUMULATED TOTAL TIME HOURS	ACCUMULATED TOTAL TIME 10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
2/29			155	33	100 hr inspection. Oil changed screen checked compression check: #1 $\frac{78}{80}$ #2 $\frac{76}{80}$ #3 $\frac{73}{80}$ #4 $\frac{74}{80}$ One plug replaced. others cleaned & gapped. Ignition timing checked. Prop. blades dressed I certify that this engine has been inspected in accordance with a 100hr inspection and is airworthy	Richard C Rudolph A&P 1398505	
3/7	TACH		157	63	Installed new noise filter on alternator, adjusted idle mixture and speed.	Samuel ~~[illegible]~~ A&P 1733060	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 72	DURATION		ACCUMULATED TOTAL TIME HOURS	IOTHS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
7-12			235	34	Changed Aux fuel pump.	Richard Rudolph	A&P 1139505
9-5-72	Tach		272	.7	Changed oil, checked & cleaned oil screen, washed and ground run engine. R P Willis A&P 1691285		
7/7/73			327	.8	"I certify that this aircraft and, or engine has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition." D. Hissam IA691287 Mechanic Cert. No. SOUTHEASTERN OHIO AIR SERVICE, INC Municipal Airport, Zanesville, Ohio	CLEAN FUEL & OIL SCREENS - CLEAN & GAP SPARK PLUGS - REMOVE AND CHECK EXHAUST MUFFLER - INSTALL NEW EXHAUST GASKETS - CHANGE OIL 8 qts A/S 100W - REPAIR L. FRONT BAFFLE - CHECK MAG TIMING STARTER AND ALTERNATOR - RUN UP ENGINE FOR OPERATIONAL CHECK -	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME HOURS	ACCUMULATED TOTAL TIME 10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
Sept 7 1975				I certify that this engine has been		
inspected IAW an annual inspection and was						
determined to be in an airworthy condition cleaned						
& gapped spark plugs, cleaned oil & fuel screens						
compression test 1 - 80/80, 2 - 78/80, 3 - 77/80, 4 - 77/80						
TACH 467				TT 467		
Sept 7 1975				IA 2061846 David M Zimmer		
3-5-76			501	65	OIL CHANGE 7QTS A/S 80 - TM Altman	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME HOURS	10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
Sept 21, 1976				I certify that this engine has been inspected I/A/W an annual inspection and found to be in airworthy condition checked the oil screen checked fuel system cleaned & gapped plugs Comp test cyl. 1-125, 2-128, 3-125, 4-130 TACK 514 π 514 Install new fuel flex lines P/N part no's. S1236-6-204, S1236-6-0094, S1236-3-0092		
Sept 21, 1976				IA 2061846 David M Zimmer		
Oct 8 1977				I certify that this engine has been insp. I/A/W an annual inspection and was determined to be in airworthy condition, cleaned & gapped spark plugs check oil screen comp test Cyl 1-77/80, 2-78/80, 3-78/80, 4-78/80 changed oil installed 7 qts 50/100 AS oil. TACK 543		
Oct 8 1977				IA 2061846 David M Zimmer		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME HOURS	ACCUMULATED TOTAL TIME 10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
Nov 10, 1978				I certify that this engine has been inspected IAW an annual inspection and was determined to be in airworthy condition cleaned & gapped spark plugs cleaned & checked fuel & oil screens comp test O Cyl. 1- 79/80, 2-79/80, 3-76/80, 4-78/80 changed oil installed 7 qts Aeroshell 40/80		
Nov. 10, 1978		TACH 582		IA 2061846	David M Zimmer	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 81	DURATION	ACCUMULATED TOTAL TIME HOURS	10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
8-8		829	78	CHANGED OIL - ADDED 7QTS A/S 100W	Jeffrey L. Kenneth	A&P 3304446657
9-28-81		861.3		CHANGED OIL 7qts. Shell 50	Gilbert Rogers	A&P 1835643
2-17-82		881	84	I certify that this aircraft and, or, engine has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition." SERVICE SPARK PLUGS - CK MAG TIMING INSTALL THREE ROCKER COVER GASKETS INSTALL NEW AIR FILTER ASSY - DIFF COMP CK. 75.75,74.75 OVER 80 D. Hussam IA691237 Mechanic Cert. No. SOUTHEASTERN OHIO AIR SERVICE, INC. Municipal Airport, Zanesville, O.		
12/2/82		949	1	Change oil 7qts A/S 65W	Bob Wintersteen A&P 2585874410	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 83	DURATION	ACCUMULATED TOTAL TIME HOURS	10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
2-4		955.6	Hrs	I certify that this aircraft and, or, engine has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition." CLEAN OIL SCREEN - CHECK MAG POINTS + TIMING INSTALL FOUR NEW LOWER SP PLUGS - SERVICE TOP SP PLUGS - LUBE STARTER BENDIX DRIVE DIFF COMP CHECK 74, 75, 75, 76 OVER 80 NEXT OIL CHANGE DUE 1000.00 Hrs — D. Hussam IA691237 Mechanic Cert. No. SOUTHEASTERN OHIO AIR SERVICE, INC. Municipal Airport, Zanesville, Ohio		
4-6-84		1068.4		I certify that this aircraft and, or, engine has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition." CHANGE OIL & CLEAN SCREEN - ADD 8qt A/S 80 SERVICE SPARK PLUGS & ADD ONE NEW REM 38E PLUG - DIFF COMP CHECK 1-76 2-76 3-75 4-75 OVER 80 CHECK EXHAUST SYSTEM D. Hussam IA691237 Mechanic Cert. No. SOUTHEASTERN OHIO AIR SERVICE, INC. Municipal Airport, Zanesville, O.		
7-11-84		1088.9		OIL CHANGE ADD 7qt A/S 80W	D. Hussam A&P691237	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 1989	DURATION	ACCUMULATED TOTAL TIME HOURS	ACCUMULATED TOTAL TIME 10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
JULY 22		1410	0	Compression CKD #1 78/80 #2 75/80 #3 75/80 #4 78/80, Cleaned & Gapped Spark Plugs, Timing CKD Adjusted Left MAG, Changed oil and Installed 7qts 50W100 w/ Aeroshell. Serviced Air Filter Washed Engine Down. Adjusted Prop Governor Travel All AD's CKD & C/W		
				Air Filter Due @ Tach Time 1626:04		
				Impulse Couplings Due @ 1669:04		
				I CERTIFY THAT THIS ENGINE & PROP HAS BEEN INSPECTED IAW A ANNUAL/ ~~100 HR~~ INSPECTED AND HAS BEEN DETERMIND TO BE AIRWORTHY THIS DATE 7-24-89 Robert H. Norman A&P 2986640212A		
				TOTAL TIME A/F } 1410:0		
				TOTAL TIME ENG }		
				SMOH —		
				SPOH 1410:0 T.T.		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME HOURS	ACCUMULATED TOTAL TIME 10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
				~~I certify that this engine/powerplant~~ Prop has been inspected in accordance with (~~100 hr.~~/Annual) inspection and was determined to be in airworthy condition.		
				DATE 4-21-90 NO. 292463924IA		
				Signed E. Richard Rawlins		
				~~T.T. Airframe~~ 1449 4-21-90 Installed 8 new REM38E spark plugs. ~~Installed 2 new brake pads~~. Removed existing fuel line and replaced with new piece. Washed down engine. Compression check #1 75/80 #2 78/80 #3 74/80 #4 75/80		
				~~T.T. Engine~~ 1449		
				~~T.S.M.O.~~ —		
				~~T.S.T.O.~~ —		
				TACH Reading 1449		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

19	DURATION	ACCUMULATED TOTAL TIME HOURS	10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
				7-24-90 Total Time-1460.0 Tach Time-1460.0 Changed Oil & Checked Oil Screen. Replaced All Exhaust Gaskets. Replaced 3 Cowling Lord Mounts. Replaced No 2 Bottom Spark Plug Lead. Washed Engine Down. Ground Run And Found OK To Return To Service	Donald R Helmich A&P 1263840	
1-24-91	A/C T.T. 1481.4 TACH 1481.4 ENG. T.T. 1481.4 INSTALLED Janis MOD. TAS 100-03 Engine Heater system I/A/W instructions contained in Lit. S/N ON 16980. Change in WT/Bal is negligible system ops chs ok. Aircraft is approved for return to service. END				W.O. 3211	
				George T Gilby A&P 2191864 IA	Lorain County Aviation 44050 Russia Road Elyria, Ohio 44035	

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ENGINE LOG

DATE 19 91	DURATION	ACCUMULATED TOTAL TIME HOURS	ACCUMULATED TOTAL TIME 10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
3/22/91		1988	9	TACH TIME REMOVED LEFT AND RIGHT MAGNETO (LH P/N 10-349305-1 S/N A 15242) (RH P/N 10349365-2 S/N A14639) AND INSTALLED [redacted] OVERHAULED LH MAGNETO [redacted] P/N 10-349365-3 S/N K299005FR AND OVERHAULED RH MAGNETO P/N ES10-349305-1 S/N 0112079. OPERATIONAL CHECK NORMAL C/W AD 78-09-07 R3 BENDIX IMPULSE COUPLING INSPECTION BY REPLACING MAGNETOS WITH OVERHAULED EXCHANGE UNITS. INSPECTION DUE EA 500HRS. NEXT INSPECTION DUE AT 1988.9HRS		
				Joseph M. Adams		
				W.O. 66123		
				Mercury Aviation Company 355 Richwood Rd. Cleveland, Ohio 44143 Repair Station No. MCPR135K		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 1997	DURATION	ACCUMULATED TOTAL TIME HOURS	10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
Dec. 6, 1997	Tach. T.	1733	3	Eng. Tot. T.-1733.3 Drained oil. Removed, inspected for metal-none found, cleaned and reinstalled oil screen with new gasket. Complied with A.D. 96-09-10 by removing oil pump gears and housing and installing new oil pump gears (P/N 05K19423-5), and housing (P/N 78531), and Drive shaft (P/N 61179). Replaced: Oil sump gasket, Accessory housing gasket, all intake hoses and gaskets, and all exhaust gaskets and prop. gov. Mount gasket. Serviced engine with 8 qts. of Aeroshell W100 oil. Removed, cleaned, gapped, checked and reinstalled spark plugs. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.	Jonathan Miller A+P 273644922 I.A.	
				COMPRESSION 1-73/80 2-70/80 3-70/80 4-75/80		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME HOURS	ACCUMULATED TOTAL TIME 10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
				10-24-98 Total Time - 1766.62 Tach - 1766.62		
				Annual, Changed Oil Checked Oil Screen Cleaned		
				Spark Plugs, Replaced One New REM 38S. Checked Compression		
				1 - 74/80, 2 - 75/80 3 - 76/80 4 - 73/80 Checked Timing. Exhaust		
				System Inspected. Replaced All Gaskets With Blow Proof Gaskets		
				Fuel Screens Checked. Tanis Engine Heaters Checked. Replaced		
				Gasket On No 3 Rocker Cover. Washed Engine Down. Checked		
				Control Travel & Lubed. Ground Run Engine And Found OK		
				To Return To Service.		
				I Certify That This Engine Has Been Inspected In		
				Accordance With Annual Inspection And Was Determined		
				To Be In Airworthy Condition.		
					Donald R Helmick	
					IA 1263840	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME HOURS	ACCUMULATED TOTAL TIME 10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
07-24-00				PERFORMED DYNAMIC BALANCE I.A.W CHADWICK/HELMUTH. ACHIEVED A BALANCE OF LESS THAN 0.2 IPS. for DTXR341D.	Tim Tangney	
Oct. 14, 2000	Tach. T. - 1849.8			Engine Tot. T. - 1849.8 Drained oil. Took oil sample. Removed, Inspected for metal - none found, cleaned and reinstalled oil screen with new gasket. Serviced engine with 8 qts. of Aeroshell W100 Oil. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Jonathan Miller A+P 773644922 I.A.		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

	DURATION		ACCUMULATED TOTAL TIME HOURS	10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
Oct 20 2001			1872.1		Tach. T. - 1872.1 Drained oil. Took oil sample. Oil sample supplied by owner. Removed, inspected for metal - none found, cleaned, and reinstalled oil screen with new gasket. Serviced engine with 8 qts. of Aeroshell W100 Oil. Removed, cleaned, gapped, checked, and rotated and installed spark plugs. Removed and replaced all 4 cylinder rocker arm cover gaskets. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. A+P	Samantha Miller 2669296 IA	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME HOURS	ACCUMULATED TOTAL TIME 10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
May 20 2001		1876	.3	Tach T. - 1876.3, Drained oil. Removed, inspected for metal - none found, cleaned and re installed oil screen with new gasket. Serviced engine with 8qts. of Aeroshell W100 oil. Removed, cleaned, checked gap, and reinstalled spark plugs. I certify that this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.	Jonathan Mills A&P 2669296	
8-30-02 Tach 19044				Change oil & Check Screen OK. Service with Phillips 20W-50 oil Replace Screen & Gasket P/N 61173. Remove Vacuum Pump & Replace Seal & Gaskets P/N 61183, 8313, & BTD-208, Ground Run & OPS Check OK	[illegible] A&P 2783888857	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

Lycoming — 0360-A1F6 Ser No L-15686 ~~36A~~

AD Number	Subject	Date of Hours of Compliance	Method of Compliance	One Time	Recurring	Next Comp Due Date/Hours	Authorized Signature and Number
59-10-7	BAFFLE CLAMPS	NA	PRIOR TO MFG	X		NA	
64-16-5	AC FUEL PUMP	NA	PRIOR TO MFG	X		NA	
66-20-4	AC Oil FILTERS	NA	Not So Equipted	X		NA	
73-23-01	Piston Pin FAILURES	NA	PER SER NO.	X		NA	
75-08-09	Oil Pump FAILURES	NA	PER SER NO.	X		NA	
78-09-07	BENDIX IMPULSE	10-26-79	INSP. PER SB 599		X	EVERY 1000 hrs	
"	" "	5-22-86	" " " "		X	500 Hrs	D. Hissam
NEW MAG 78-09-07	BENDIX IMPULSE	3-22-91	REPLACED MAGS		X	1988.9	
90-4-6-R1	Gov. Oil Line		Replace By May 1-92			1518.5	Replaced Line 4-25-92
91-14-22	Sudden Engine Stoppage						
92-12-5	Piston Pins		Does Not Apply Date				
93-2-5	Fuel Injector Lines		Does Not Apply				

FA 2061846 David M. Bennett

— over —

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

Airframe, Engine, Propeller, or Appliance/Comp. Model MC CAULEY Model 2D34C202 Ser. No. 7C

AD Number	Subject	Date and Hours of Compliance	Method of Compliance	ONE-TIME	RECURRING	Next Comp. Due Date/Hours	A
68-08-01	PROP. Cyl. Attach SCREWS	NA	PER. MOD. NO.	X		NA	
70-04-01	PROP. MID BLADE & TIP FAILURES	NA	PER. MOD. NO.	X		NA	
70-04-02	SUPPERSEDED BY 75-24-12					NA	
75-24-12	" " 77-17-09					NA	
77-16-01	BLADE Actuating PINS	NA	PER. MOD. NO.	X		NA	
77-17-09	PROP HUB CRACKS	NA	PER. MOD. NO	X		NA	

B2061

DATE ~~19~~ 2002	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 Technician or Repair Facility. (*See* back pages for other specific entries.)
11 2002	1975'00			OIL change 15/50 Aeroshell OIL ANALSX. OK JW 1595758

ASA

DATE 2003 ~~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 Technician or Repair Facility. (*See* back pages for other specific entries.)
5/10				Compression checked as follows: #1 80/73, #2 80/74,
	2021.3		2021.3	#3 80/78, #4 80/75. Checked all A.D's. See compliance
				list. Prop inspected visually. No defects found.
				Replaced oil return line rubber hoses. Changed oil and
				cleaned screen. Added 8 quarts Aero Shell 15W50.
				[signature] 358427051AP/IA Date 5/10/03
			TOTAL	
T.T.	2021.3		2021.3	Installed 8 new Champion Spark plugs
				Model # REM38E this date
				[signature] 358427051AP/IA 5/11/03

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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 Technician or Repair Facility. (*See* back pages for other specific entries.)
9/21	2042.0		0 SMOH	Removed engine from airframe. Palletized and sent to G & N aircraft engines. Engine rebuilt to factory specifications on work order 024/60452. Starter replaced with Lamar rebuilt Model # PM1201 (w.o.#850697). New mags and leads installed with existing Lasar ignition system installed by G & N. New carburetor (model 10-5034) installed per work order # SL 0033743. Reinstalled overhauled engine. Replaced oil coolers lines, all fuel lines (firewall forward), electric fuel pump filter, air filter, primer lines, propeller reinstalled and safety wired. Carburetor air box cracks and loose rivets repaired. Aircraft total time 2042.0 hrs TTE 2042.0 - 0 SMOH [signature] 358427051AP/IA 9/2103

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DATE 2004	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 Technician or Repair Facility. (*See* back pages for other specific entries.)
8/12				Removed existing starter and replaced with same model Lamar (1201P). Stop drilled crack in baffling at #2 cylinder. Replace cables and installed cowling. All work done in accordance with AC 43.13.1B. Test run with no defects found. 2815791AP/IA Date 8/12/04
T.T.	2117.58			
SMOH	113.68			

REPAIR ONLY

Only the labor operations requested by the customer have been accomplished on this part. The customer must completed the inspection and repair of this part before using. G & N Aircraft, Inc., assumes no liability of any nature of the performance, use or operation of this part due to customer not requesting complete inspection and overhaul. Details of repair on work order no. 61467 dated 08-10-04 are on file at this agency

Authorized Signature

G & N Aircraft

1701 East Main St., Griffith, IN 46319

F.A.A. Approved Repair Station No. MW2R020L

DATE 19 2005	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 Technician or Repair Facility. (*See* back pages for other specific entries.)
13 JUN				Engine compression checked with the following results:
	2200.74			#1 80\75, #2 80/78, #3 80/76, #4 80/75. Carb bowl drained, muffler checked, nutplate added to muffler shroud, timing checked, plugs cleaned reinstalled and torqued. Propeller inspected and
SMOH	1962.34			greased. Installed new Casper Labs oil filter adapter per STC #SE01930NY and manufacturers instructions. Drained oil and removed filter for change. Filled with 7 qts Aero-Shell 15-W50 multigrade oil. Installed new champion CH108-1 Filter and safety wired. I have inspected this engine in accordance to an annual inspection and found it to be in an airworthy condition on this date.
				6/13/05 _____ 2815791AP

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DATE 2006 #9	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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				Engine compression checked with the following results; #1- 80/78, #2- 80/75, #3 – 80/72, #4 – 80/74. Carb bowl drained, muffler checked, screws replaced in muffler shroud, plugs cleaned and reinstalled and torqued. Oil removed and replaced with 7 quarts AeroShell W100. Oil filter removed and checked for metal. New oil filter (pn# CH 108-1) installed and safety wired. Engine timing checked and reset to 25 degrees BTDC (with Lasar ignition timing device). Installed new SkyTech 149 NL starter in accordance with the manufacturers instructions. See 337 in aircraft files. I have inspected this engine in accordance with an annual inspection and fount it to be in an airworthy condition on this date. 6/10/06
6/10	2292.14			2815791AP/IA
				Eng 288.15 SMOH
SMOH	288.15			

DATE 19 2007	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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				Removed existing mags with LASAR ignition system and replaced
				with new Slick 4373 mag w/impulse coupling, and new 4370 mag on
5/21				right side. Timed engine to 25 degrees BTDC. Test ran with no
				defects. See aircraft files for W&B change & 337. Aircraft returned to
				service on 5/21/07. _____ 2815791AP/IA
TACH	2410.0			
SMOH	416.01			

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DATE 2008	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 Technician or Repair Facility. (*See* back pages for other specific entries.)
11/5				Removed #1 intake tube and installed new tube and intake gasket (pn AEL69603 & pn AEL71973). Test ran engine to check #1 cylinder exhaust temps. Engine check OK. Aircraft returned to service on this date. 11/5/08 Hugh J. Stoops _____ 2815791AP/IA
TACH	2584.0			
SMOH	590.01			
TACH	2655.7			Removed vacuum pump and replaced with new Sigma Pump (Model _____ SN _____) Checked operation of existing Precise Flight backup system valve, with no defects found. Aircraft returned to service on this date. 5/6/09 Hugh J. Stoops _____ 2815791AP/IA Tach Time 2655.7 Total Time 2655.7
SMOH	661.71			

ASA

DATE 2010 ~~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 Technician or Repair Facility. (*See* back pages for other specific entries.)
oct 4				Oil Filter change & JTW
				36 hr's on oil

Logbook Entry

Date 1/28/2011 Make Cessna N# 177EJ

Tach=882.3

Removed: King equipment 1)KX170B NAV/COM S/N 68169, 2)KR86 ADF S/N 7896, 3)KN75 GS Rec. S/N14556, 4)KI209 GS Ind. S/N 9198, 5)KA42 ADF Ant. S/N T461, 6)KA33 Avionics Cooling Fan S/N 1078, 7)Edo-Aire T&B, 8)Edo-Aire Roll Servo S/N 4273A, 9)Edo-Aire A/P Relay Box S/N 9480, 10)SureCheck Traffic Aoidance S/N 70493, 11)FlightCom Intercom.

Installed: Garmin Equipment 1)GNS530W NAV/COM/GPS P/N 011-01064-00 S/N 23823176, 2)GA35 GPS Ant. P/N 013-00235-00 S/N 70707, 3) Mid-Continent GI106A CDI P/N 013-00049-01 S/N K10-10595, 4)Mid-Continent DG P/N 1U262-003-14 S/N T77256R, S-Tec Equipment 5)Pitch Computer P/N 01261-3-14 S/N 01261-1047-06845A, 6)Transducer P/N 0111 S/N 00111-1044-42166AA, 7)Turn Coordinator P/N 01260-1-0-14 S/N 01260-1047-07024D, 8) Roll Servo P/N 0105-R2 S/N 00105-1046-24435CEFGJ, 9)Pitch Servo P/N 0107-P5 S/N 00107-1046-19449CDEFGJK, 10)GPSS Remote Box P/N 03976 S/N 03976-1046-11102E/A, 11)GPSS Remote Switch P/N 03975 S/N 03975-1029-06590, 12)Avionics cooling fan S/N 003-010452 and 13)PS Engineering Intercom PM3000 S/N F07324A. Installed Air Gizmo 396Panel Dock. Fabricated

NEXT PAGE →

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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 Technician or Repair Facility. (*See* back pages for other specific entries.)

new pilot instrument panel from.063" 2024 T3 aluminum. The panel is fastened in place as the original using original attachment points and new screws. The instruments are arranged per FAR 23.1321 par.(d)(1),(2),(3),(4)&(5). Fabricated new co-pilots instrument panel from .063" 2024 T3 aluminum. New panel is mounted to the existing structure as original using original attachment points with new screws and nuts. Panels are placarded as required per Type Certificate or Flight manual. Repaired right wing rib @ F.S. 172 aft of main spar IAW AC43.13-1B, Chap. 4, Sec 4. All work was accomplished IAW installation instructions, STC's SA01933LA, SA01695SE & SA09295AC-D, TSO's C50c, C34e, C36e & C40c and AC43.13-1B & 2B. See 337's this date. Aircraft weight and balance and equipment list has been revised. Aircraft was test flown as per FAR 91.407 and AC 20-138A.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.

Pertinent details of this repair are on file at this Repair Station under Work Order 10-1191
10-1329
11-0048
11-0057

Michael Guyer

Michael Guyer CRS PG2R082L

For: Ron Collins Aviation Electronics LLC 2158 State Route 136W. Henderson, KY. 42420

Phone (270)827-1161 FAX (270)827-1164 CRS No. PG2R082L

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 Technician or Repair Facility. (*See* back pages for other specific entries.)

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 27 JAN 2011 Registration: N177EJ

TESTED KING KMA24 MKR/AMP S/N 32573. REPLACED COCKPIT SPEAKER.

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 11-0076

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.

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2158 State Route 136W

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Henderson, KY 42420

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AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date: 27 JAN 2011 Registration: N177EJ

UPDATED GARMIN GTX330 TRANSPONDER S/N 84129442 SOFTWARE TO REV 6.11e

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 10-1316

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.

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DATE 2012 ~~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 Technician or Repair Facility. (*See* back pages for other specific entries.)
7-24	3128			OIL/FILTER CHANGED - 7 QTS Ashell 100W
11312	3160			OIL/FILTER CHANGED - 7 QT's " 80 WGT
1813	3186.7			OIL/FILTER CHANGE 7 QTS 80W CAM GUARD
1813	3186.7			Prop BAL ck .04 OK MIKE ROMAN
3 9 13	3217.0			OIL CHANGE/FILTER/CAM GUARD SPARK PLUG's CLEAN

DATE 2013	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 Technician or Repair Facility. (*See* back pages for other specific entries.)
8/23				New concord BATTery
9 29				oil/filter change/can GUARD Added

N177EJ Cessna 177B Serial number 17701626 Tach time 3313.05 March 18, 2014. Pressure checked exhaust for leaks, tighten all leaks and rechecked none noted. Power run, adjusted mixture. Performed compression check 176, 2 77, 3 78, 4 78/80 with minimum of 44psi Power run aircraft no leaks noted.

Paul Douglas Keck A&P 3336853

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DATE 2001 ~~19~~	RECO TACH TIME
10/20	34
10/20	34

SOUTH COAST PROPELLER SERVICE, INC.
5750 DUROSE DRIVE, BESSEMER, AL 35022
205-426-7022
REPAIR STATION #S6PR302X

GOVERNOR DISASSEMBLED, CLEANED AND INSPECTED. MAJOR OVERHAULED. MAGNAFLUXED PARTS AS REQUIRED, REASSEMBLED AND TESTED TO MANUFACTURER'S SPECIFICATIONS.

WORK ORDER # SR-10682
MODEL # C290D2K/T11
SERIAL # 701621
DATE 12/08/2015

STEPHEN ROSE,
CHIEF INSPECTOR

Date: 12/14/2015 Tach: 3,450.0 Eng TT: 3,450.0 SMOH: 1,408.0

Retimed both magneto's to 25 degrees BTDC. Prop governor P/N C290D2K/T11 S/N 701621 was removed and sent out for overhaul. Overhauled prop governor P/N C290D2K/T11 S/N 701621 was reinstalled using new mounting gasket, prop control cable was installed and rigged. Installed new bolts and lock plate for alternator main mounting bracket, and properly tensioned alternator belt. Sealed 3 engine backbone bolts due to oil leak. Repaired L/H front engine baffle by riveting on a doubler and installed missing hardware. Engine was run-up and operational and leak checked. Engine was found to be acceptable for return to service per work performed.

Chris Frey IA338588250

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DATE 2016 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 Technician or Repair Facility. (*See* back pages for other specific entries.)
11 06	3528			CHANGED OIL FILTER CAM OIL W100 A/S
3 27				CHANGE OIL/FILTER/ADD CAMS OIL Now W100
4 17				OIL/FILTER CHANGED 80 WGT CAM GR ADDED

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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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				Owner ADVisory # Sel 71 07
				N 632 Rev A-B Does not Apply
				Due To Supior Clys AND
				Time of overhaul
				Jen CF11 1595758

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s and Alterations
ertificate Number of
ther specific entries.)

DATE

19_____

N177EJ C-177B S/N 17701626 TACH. 3,888.0 DATE AUGUST 7, 2020.

ENGINE S/N L-15686-36A
COMPLETED AN ANNUAL INSPECTION PER THE SCOPE AND DETAILS OF FAR 43 APPENDIX D, COMPRESSION TEST #1 79/80 #2 79/80 #3 79/80 #4 79/80, INSTALLED NEW INDUCTION AIR FILTER P/N BA-5705, COMPLETED AN OIL CHANGE, SERVICED WITH 8 qts. PHILLIPS X/C 20W50 AND CH48108-1 FILTER, C/W POWER FLOW EXHAUST SYSTEM INSTRUCTIONS FOR CONTINUED AIRWORTHINESS 500 HOUR/ ANNUAL INSPECTION AS PER PARAGRAPH 2.6.2 -2.6.11, TEST RAN ENGINE AND NO LEAKS FOUND, I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SHAY EVERETT A/P3421020I/A Shay Everett 8-7-2020

ENG. TSNEW 3,888.0 ENG. TSMOH 1,1846.0

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DATE 20 19 21	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 Technician or Repair Facility. (*See* back pages for other specific entries.)
				N177EJ S/N 17701626 TACH. 3,974.8 DATE MAY 14, 2021. COMPLETED A COMPRESSION TEST, #1 72/80 #2 79/80 #3 75/80 #4 79/80. SHAY EVERETT A/P3421020IA
8 12 21	3999.8			OIL CHANGE / FILTER Aeroshell 100 W CAM GUARD ADDED

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SENT BACK TO G&N

1. Approving National Aviation Authority/Country	2.	3. Form Tracking Number:
FAA/UNITED STATES	**AUTHORIZED RELEASE CERTIFICATE** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	053003/1207

4. Organization Name and Address:	5. Work Order,/Contract/Invoice Number:
LAMAR TECHNOLOGIES CORPORATION 14900 40TH Ave. N.E. MARYSVILLE, WASHINGTON 98271 FAA/PMA PQ2242NM	W/O #: 850697

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	12V STARTER	PM1201	LYCOMING 320,360,540 SERIES	1 ea.	80117117	"REBUILT"

13. Remarks*

ABOVE ITEM REBUILT AND TESTED PER LAMAR TECHNOLOGIES SPECIFICATIONS
AND PER THE REQUIREMENTS OF 14 CFR 43.3 (J)
ALL APPLICABLE SERVICE BULLETINS AND A.D. NOTES COMPLIED WITH TO DATE.
COMPLETE DETAILS HELD ON FILE W/O # 850697
PRESERVED FOR SHORT TERM STORAGE.

14. Certifies the item identified above were manufactured in conformity to:

☐ Approved design data and are in condition for safe operation.

☐ Non-approved design data specified in Block 13,

15. Authorized Signature:	16. Approval /Authorization No.:
17. Name (Typed or Printed):	18. Date:

19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

20. Authorized Signature:	21. Approval/Certificate No:
22. Name (Typed or Printed): ALBERT FRAZIER	23. Date: 05/30/03

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different that the authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the National regulations by the user/installer before the aircraft may be flown.

NSN: 0052-00-012-9005

FAA Form 8130-3 (6-01)

*Installer must cross-check eligibility with applicable technical data.

AIRWORTHINESS DIRECTIVE

At date of engine overhaul 09/10/2003

Engine model 0-360-A1F6

Authorized Signature

AD & REV #	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
90-04-06 R1	05/28/91	488A		X
91-14-22		475B		X
92-12-05		501B	X	
95-07-01		95-002	X	
96-09-10		524	X	
97-15-11		527c	X	
98-17-11		----------	X	
END----------				

COMPLIANCE RECORD

S/N L-15686-36A W/O 60452

C/W complied with, P/C/W previously complied with, N/A not applicable.

CRS MW2R020L

NEXT COMPLIANCE HRS. & DATE	METHOD OF COMPLIANCE
next gov. line removal 100 hour	C/W line & fittings inspected
annual insp. or overhaul	C/W check crank gear fit
overhaul sudden stoppage insp.	N/A by P/N
prop strike or gear train repair	N/A by P/N
	P/C/W
	N/A by P/N
	N/A by insp.
END----------	