

433-7118

AM Robinson 438-4506-e

Cessna®



ENGINE
AND PROPELLER LOG

N 759BZ SERIAL NO. 465900

ENGINE DESCRIPTION

Mfgr.	<i>Continental</i>	Place		Date	
Type	<i>A-Opposed</i>	Model	<i>0-470-U</i>	Serial No.	<i>465900</i>
Rated H. P.	<i>230</i>	Maximum H. P.	<i>230</i>	Weight (Dry)	
Rated R. P. M.	<i>2400</i>	Maximum R. P. M.	<i>2400</i>	Oil Pressure	
Bore		Stroke		Displacement	Cu. In.
Compression Ratio		Supercharger Ratio		Gear Ratio	

Propeller	<i>Mc Cauley</i>	Hub Design	<i>C 2434C204</i>	Hub Serial No.	<i>774248</i>
Blade Design	<i>90DCB-8</i>	Blade Serial		Blade Serial	
Maximum Hub H. P.		Maximum Blade H. P.			
Pitch	<i>L / 15.0°</i>	Diameter	<i>82"</i>	Length	
	<i>H / 29.4°</i>				

Owner's Name		City		State	
Address					

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8-20-80	10:00			Checked all cylinders between 8900 + 0.00 Checked hot + cold. Checked with Parashell 500a 20 Check and size of plugs. Re timed Magneto to engine check the plug and check oil quantity + timing to 0.00		
<p>I certify this <u>Engine</u> has been inspected in accordance with <u>10044</u> inspection and was determined to be in Air Worthy Condition.</p> <p>Date <u>8-20-80</u> Total Time <u>340.5</u></p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>10044</u> inspection and was determined to be in an airworthy condition.</p> <p>Date <u>8-20-80</u> TAC Time <u>340.5</u></p> <p>Total Time <u>340.5</u></p> <p>Signature <u>[Signature]</u> FAA No. <u>306289775</u></p> <p style="text-align: right;"> <u>[Signature]</u> BERNARD C. FERGLIN AT 1194572 </p>						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 81 5-17-81		41.5		Changed oil & filter. Filled water Over-hell 50 AD. Installed new spark plugs all cylinders. Checked choked cylinder. Put new 80/90 + 80/90 oil. Airplane # 306289725		
5-22-81				Cleaned + replaced plugs. Checked all cylinders + put new 80/90 + 80/90 checked magnets to engine + timing. Cleaned inlet air filter		

I certify this Aircraft Engine has
 been inspected in accordance with
100 HR inspection and
 was determined to be in Air Worthy Con-
 dition.
 Date 5-22-81 TAC Time 46.0
 Total Time 46.0
William [Signature] # 706289725
 FAA No. _____

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
9-23-82	Compression - Checked all Cylinders between 20125 + 21150. Changed oil + filter. Service with 12 Quarts of Arpa Shell 50 WD. Replaced Pump on oil dipstick. Check Magenta to engine timing.					

Date 09-25-82 Total Time 669.6

I certify this ENGINE has
been inspected in accordance with
100 HR inspection and
was determined to be an Air Worthy Con-
dition. 9-23-82
Date 9-23-82 TAC time 6.6
Total Time 669.6

I certify that this ENGINE has been inspected in accordance with a 100 HR inspection and was determined to be in an airworthy condition.

J. Ferguson
J. FERGUSON
AN 4450

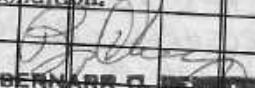
CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 <u>83</u> 9-30-83				<p>TAC TIME 897.4 Changed oil + filter. Checked and gapped spark plugs. Retimed magnets to 14 degrees. Checked Exhaust system for leaks + loose fittings. Compression checked on all cylinders. Piston 89.5 x 3.80</p>		
<p>I certify this <u>Engine</u> has been inspected in accordance with <u>100 HR.</u> inspection and was determined to be in Air Worthy Con- dition. Date <u>9-30-83</u> TAC Time <u>897.4</u> Total Time <u>847.4</u> Signature <i>[Signature]</i> FSA No. <u>30625775</u></p>				<p>Date <u>10-01-83</u> Total Time <u>847.4</u> I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 HR.</u> inspection and was determined to be in an airworthy condition. <i>[Signature]</i> BERNARD G. FERGUSON MI 194552</p>		
				<p>REPLACED SPARK PLUGS -</p>		


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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
09-16-85	TACH			TIME 930.0 REPLACED ACC PUMP IN CARB. REPLACED ALTERNATOR NOISE FILTER AND OVER HAULED ALTERNATOR (BRUSHES - BEARINGS - DIODES -)		
Date 10-10-85		Total Time 930.2				
I certify that this ENGINE has been				CLEANED GAPPED AND TESTED ALL		
inspected in accordance with 100 HR (ANNUAL)				SPARK PLUGS - REPLACED POINTS -		
inspection and was determined to be in an				GEARS - MAG BLOCKS AND PLATES IN BOTH		
airworthy condition.				MAGS - REPLACED OIL SEAL ON OIL		
 BERNARR O. PENNINGTON AI 1194557				FILLER CAP - PAINTED PROP - CHANGED		
				OIL AND FILTER - SERVICED WITH 12QT		
				20W50 PHILLIPS OIL. COMPRESSION CK/SD		
				① 72 ② 72 ③ 70 ④ 72 ⑤ 70 ⑥ 75		


CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENS NUMBER
		HOURS	10THS			
19						
Date <u>04-01-86</u>		Total Time <u>933.0</u>		<u>CYLINDER LEAK CR ① 74 ② 74 ③ 7</u>		
I certify that this <u>ENGINE</u> has been				<u>④ 72 ⑤ 70 ⑥ 72 CHECKED</u>		
inspected in accordance with a <u>100HR/ANNUAL</u>				<u>MAG TIMING OK @ 24 DEGREES BTDC -</u>		
inspection and was determined to be in an				<u>REPLACED 3 CAML SHOCK MOUNTS -</u>		
airworthy condition.				<u>WASHED ENGINE AND LUBED</u>		
				<u>CONTROLS - CLEANED CARB AIR</u>		
BERNARD C. FERGUSON				<u>FILTER -</u>		
A11194552						
<u>09-18-86</u>		<u>TACH TIME 996.9</u>		<u>CHANGED OIL AND FILTER - SERVICED</u>		
				<u>WITH 12 QT 50 WT AEROSHELL - REPLACED</u>		
				<u>(1) CAM LOCK STUD AND RECEPTICAL - REPLACED</u>		
				<u>COIL AND CONDENSER IN LEFT MAG.</u>		
				<u>Richard C. May AP 147786</u>		

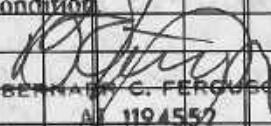
CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
		R				
Date	04-06-87	Total Time	1037.4	CYLINDER LEAK Ck/80 ① 74 ② 70 ③ 71 ④ 70 ⑤ 76 ⑥ 72 - CHANGED OIL AND FILTER - SERVICED WITH 12 QT 50W AEROSHELL CLEANED, GAPPED AND TESTED ALL SPARK PLUGS - REPLACED CARB AIR FILTER ELEMENT. INSTALLED AN4-13 BOLT AND 3/16-4 NUT AND COTTER PIN ON THROTTLE CONTROL ROD END BEARING - AD 86-24-07 9W. WASHED ENGINE, LUBED CONTROLS - REPLACED CAT AEROSHELL		
I certify that this ENGINE has been inspected in accordance with 120HR (ANNUAL) inspection and was determined to be in an airworthy condition.						
 BERNARR G. FERGUSON AI 1194552 AND VER - RESISTOR -						
	10/8/87			Changed Oil 12 Qts 50W Aeroshell 1093.8 / 697.2	G M Robinson	


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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
Date 05-16-88		Total Time	1128.5	CYLINDER LEAK CK/80 ① 74 ② 76 ③ 76 ④ 72 ⑤ 68 ⑥ 68 CHANGED OIL AND FILTER - SERVICED WITH 12 QT AEROSHELL OIL - TIGHTENED INTAKE HOSE CLAMPS - CHECKED MAG TIMING AND RESET RT MAG TO 24° BTDC - LEFT IS AT 24° BTDC - REMOVED MUFFLER AND WELDED COLLECTOR CONNECTION ON RT SIDE - REINSTALLED USING NEW EXHAUST GASKET RIGHT SIDE - REPLACED EGT PROBE - REPLACED SCAT HOSE FROM MUFFLER TO CABIN HEAT CONTROL ON FIREWALL - REPLACED PROP CONTROL AND C/W AD 86-24-07 (ENG CONTROL ROD END INSP) USED AN3-7 BOLT; AN310-3 NUT AND CUTTER PI ADJUSTED PROP GOV FOR MAX RPM - CLEANED GAPPED AND TEST ALL SPARK PLUGS -		
I certify that this ENGINE has been						
inspected in accordance with a 100HR						
inspection and was determined to be in an						
airworthy condition						
 BERNARD C. FERGUSON NY 1194550						


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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
10/29/88		1151.0		738.5 Chg Oil 120ts 50W Avroshell	<i>Tom Robinson</i>	
10/01-01-89	Total Time	1185.8		CYLINDER LEAK CK/80 ① 74 ② 64 ③ 74 ④ 64 ⑤ 65 ⑥ 73 - CHANGED OIL AND FILTER - SERVICED WITH 11 QT 50 WT AERO- SHELL OIL. CLEANED, GAPPED AND TESTED ALL SPARK PLUGS - CHECKED MAG TIMING (OK) - WASHED ENGINE AND LUBED CONTROLS. TIGHTENED ROCKER BOX COVER SCREWS - TIGHTENED HOSE CLAMPS.		
I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>COPIE (ANNUAL)</u> inspection and was determined to be in <u>an</u> airworthy condition.						
 BERNARR G. FERGUSON AT 1194552						
1/16/90		1121.3		851.0 Chg Oil 120ts 50 W Avroshell	<i>Tom Robinson</i>	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
07-03-70		Total Time	1253.6	CYLINDER LEAK CK/80 (1) 74 (2) 62 (3) 70 (4) 68 (5) 62 (6) 74. CHECKED MAG TO ENGINE TIMING. CLEANED, GAPPED AND TESTED ALL SPARK PLUGS (REPLACED) CHANGED OIL AND FILTER - SERVICED WITH 12 QT 50 WT AEROSHELL OIL. TIGHTENED ROCKER BOX COVER SCREWS. REPLACED CARB AIR FILTER - TIGHTENED ALL HOSE CLAMPS.		
I certify that this ENGINE has been inspected in accordance with a <u>100HR (ANNUAL)</u> inspection and was determined to be in an unworthy condition.		 BERNARD C. FERGUSON AT 1194553				

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8-16-94						
TACH 1523.0						
TSMOH -0-						
				ENGINE MODEL O-470-U S/N 785900 OVERHAULED.		
				THE FOLLOWING PARTS WERE SENT TO J'S AIRCRAFT		
				DALLAS, TEXAS FOR INSPECTION AND OVERHAUL:		
				CYLINDERS - CHROMED AND OVERHAULED, ROCKER ARM		
				ASSEMBLIES - REBUSHED AND REFACED, CONNECTING RODS -		
				REBUSHED AND LINE BORED, CRANKSHAFT ASSEMBLY - REBUILT (STD)		
				CRANKCASE, SUMP, GEARS, MISC STEEL AND ALUMINUM PARTS		
				ZYGLO AND MAGNAFLUX INSPECTED, STARTER ADAPTER - OVERHAULED		
				SEE YELLOW TAGS FOR DETAILS. CAMSHAFT RECONDITIONED		
				BY AIRCRAFT SPECIALTIES TULSA OKLAHOMA. SEE YELLOW TAG.		
				ENGINE REASSEMBLED IN ACCORDANCE WITH CONTINENTAL		
				OVERHAUL MANUAL USING THE FOLLOWING NEW PARTS:		
				CRANKSHAFT SEAL, MAIN BEARING AND THRUST WASHERS, (ETD)		
				CRANKSHAFT GEAR SCREWS, LIFTERS, CAMSHAFT GEAR SCREWS,		
				KEY, PISTONS, PISTON PINS, RING SET, ROCKER SHAFTS,		
				INNER AND OUTER VALVE SPRINGS, VALVE KEYS, INTAKE		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
7-7-95				OIL DRAINED AND REFILLED WITH 12 QTS ACADAMEL 100W.		
TACH	1613.4			REPLACED OIL FILTER. ENGINE WASHED AND GROUND RUN UP		
TSMON	90.4			CHECKED NORMAL		
				A2045096670 S. Walker		
				ROCKWAY AIR SERVICE INC.		
10-30-95				SPARK PLUGS CLEANED AND GAPPED. TIMING CHECKED.		
TACH	1630.9			CONTROLS CHECKED AND LUBED. EXHAUST CHECKED - OK		
TSMON	107.9			REPLACED PUSH ROD SEALS ON # 6 CYLINDER. COMPASSION		
				CHECKED #1 70 #12 70 OIL 22 #4 69 #15 68 #16 70		
				ENGINE WASHED AND GROUND RUN UP CHECKED NORMAL		
				REPLACED INDUCTONAL FILTER (BA 8107-1).		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				<p style="font-size: small; margin: 0;">I certify that this (aircraft) has been inspected in accordance with a (100 hr.) (annual) inspection and determined to be in airworthy condition.</p> <p>DATE <u>10-30-95</u> TACH <u>1630:9</u></p> <p>SIGNED <u>Ed Walker</u></p> <p>A&P <u>1763318</u></p> <p style="text-align: center;"><u>Robertson Air Service, Inc.</u></p>		
<u>7-1-96</u>	<u>1652.4</u>	<u>011</u>		<p><u>OIL DRAINED AND REFILLED WITH 11 QTS AEROSHELL 50 WT. REPLACED OIL FILTER. ENGINE WASHED AND GROUND RUN UP CHECKED NORMAL</u></p> <p style="text-align: right;"><u>A0448966172</u> <u>Ed Walker</u> <u>ROBERTSON AIR SERVICE INC.</u></p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
11-05-96		1660	6	ENGINE CONTROLS CHECKED & LUBED EXHAUST & MUFFLER CHECKED SPARK PLUGS CLEANED, INSPECTED, GAPPED AS NEEDED & ROTATED TOP TO BOTTOM. Compression: - #1 60 / #2 70 / #3 68 / #4 68 / #5 72 / #6 68 / MAG TO ENGINE TIMING CHECKED. ENGINE WASHED GROUND RUN IN NORMAL. AD 96-12-04 PISTONS DUE AT NEXT ENGINE OVERHAUL OR CYLINDER REMOVAL. INDICATED AIR FILTER REPLACED B&W 103-1		
				I certify that this (engine) has been inspected in accordance with a (100 hr.) inspection and determined to be in airworthy condition.		
				DATE 11-05-96 TACH 1660:6		
				SIGNED <u>EJ Walkover</u>		
				A&P 1763318		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
3-21-97				OIL DRAINED AND REFILLED WITH 11 QTS AEROSHOCK 100W. REPLACED OIL FILTER. ENGINE WASHED AND GROUND RUN UP CHECKED NORMAL.		
TACH	1701.0				As 145096672 E. W. ... ROCKWALL, TX 75087, INC.	
10-2-97				OIL DRAINED AND REFILLED WITH 11 QTS AEROSHOCK 100W. REPLACED OIL FILTER. C/W AD 96-12-22		
TACH	1713.1			CHECK OIL FILTER ADAPTER FOR LEAKS - O.K. A/C EACH OIL CHANGE. AD 97-15-01 N/A. TIMING CHECKED - O.K. SPARK PLUGS CLEANED AND GAPPED. CONTROLS CHECKED AND LUBED. EXHAUST CHECKED - O.K. REPLACED CYLINDER HEAD TEMP PROBE. COMPRESSION CHECKED - #1 CYLINDER HAD LEAKING PAST CV VALVE. REMOVED CYLINDER AND SENT TO J'S AIRCRAFT DALLAS TEXAS TO REPLACE VALVE AND SEAT. REINSTALL CYLINDER USING NEW GASSETS. #1 70 #2 70 #3 74 #4 72 #5 73 #6 71		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

OVER

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				AD 96-12-04 N/A TO 04704. REPLACES INDUCTION AIR FILTER (BA 8103-1). ENGINE WASHED AND GROUND RUN UP CHECKED NORMAL.		

I certify that this aircraft has been inspected in accordance with a (100 hr.) inspection and determined to be in airworthy condition.

DATE 10-2-97 TACH 1713:1

ENGINEER Ed Wallace

OSP 1763318

Rockwell Air Service Inc

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 1998	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
10-21	Tach	17	47	TSMOH 224 Compression #1 6 ⁷ / ₈₀ #2 7 ⁵ / ₈₀ #3 7 ⁰ / ₈₀ #4 7 ⁴ / ₈₀ #5 7 ⁵ / ₈₀ #6 7 ⁰ / ₈₀ Changed oil & Filter Added Aeroshell 40WT. CW 96-12-22 Check OK. Cleaned & Rotated Spark plugs. MAG Timing Check OK. Tightened AIT Belt Replaced induction Filter Element. Engine Runup & Leak Check OK.		
				<p>I certify that this <u>ENGINE</u> has been inspected in accordance with an (annual/100 hr) inspection and was determined to be in airworthy condition. Date: <u>10-21-98</u> Total Time: <u>17</u> Tach time: <u>1747</u> Signed: <u>Ron Unruh</u> Ron Unruh I A #456299723</p>		
8-31-98	TACH	17	32.6	REMOVED ALL BOTTOM SPARK PLUGS FOR COMPRESSION CHECK AND CYLINDER BORESCOPE FOR PRE PURCHASE INSPECTION. CYLINDER TSMOH 259 COMPRESSIONS ARE #1 7 ¹ / ₈₀ #2 7 ¹ / ₈₀ #3 7 ⁹ / ₈₀ #4 6 ⁸ / ₈₀ #5 7 ¹ / ₈₀ #6 7 ⁰ / ₈₀ CLEANED AND GAPPED AND REINSTALLED BOTTOM SPARK PLUGS. REMOVED OIL FILTER AND CVT OPEN. NO CONTAMINATION FOUND.		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE OVER →

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8-31-99	TACT	1782		INSTALLED NEW OIL FILTER. GROUND RAMP AND LEAK CHECK. DISCREPANCY LIST RETURNED TO BUYER AND SELLER. <i>SKO</i> AP/IA 464024291		
10-16-99	SMO	259	1782	I CERTIFY THAT THIS AIRCRAFT HAS BEEN IAW AN ANNUAL INSPECTION ^{ENGINE} AND WAS FOUND AIRWORTHY AT THIS TIME. <i>SKO</i> AP/IA 464024291		

FAA/PMA APPROVED



THIS MAGNETO WAS MANUFACTURED FROM ALL NEW COMPONENTS IN ACCORDANCE WITH FAR 21.303h UNDER AUTHORITY OF MMF3226 AND IS AIRWORTHY. THIS MAGNETO IS FAA/PMA APPROVED FOR APPLICATIONS LISTED IN SLICK AIRCRAFT PRODUCTS FORMS L-1058 AND F-1100. FOR LASAR™ MAGNETOS SEE L-1500.
 ENTER MAGNETO MODEL, SERIAL NUMBER AND DATE OF INSTALLATION AND ATTACH THIS TAG TO ENGINE LOGBOOK.

MAGNETO MODEL NO. 6310
 MAGNETO SERIAL NO. 00030803
 DATE OF INSTALLATION 4/12/00

L-1231A

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ENGINE LOG

DATE	DURATI	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
19		<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">  <p>AIR IMPRESSIONS, INC. <small>PROFESSIONAL AIRCRAFT SERVICE</small></p> <p>7929 Airport Rd. Waco, Texas 76708 CRS No. AK6R541N</p> </div> <div style="text-align: right;"> <p>DATE: <u>10/16/2000</u></p> <p>TACH: <u>1841.7</u></p> <p>SMOH: <u>318.1</u></p> </div> </div> <p style="text-align: center;"><u>TCM O-470-U S/N 465900</u></p> <p>On above referenced engine, performed oil and filter change. Engine serviced with Aeroshell oil w100 and Champion filter. Installed missing cylinder hold down nut on #6 cylinder and re-torqued. Engine ground run-up checked satisfactory and is approved for return to service for maintenance performed. Pertinent details are on file under work order #0764.</p> <div style="text-align: center;">  Jeff Lavett Air Impressions, Inc. CRS# AK6R541N </div>		

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	10THS			
19					<p><i>Logbook closed 2-5-01</i> <i>See Log #2</i></p> <div style="text-align: center; margin-top: 20px;"> </div>		

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Overhaul 6-5-2019

Task 282315



ENGINE MAINTENANCE RECORDS

AIRCRAFT REGISTRATION No. N759BZ
ENGINE POSITION NA
ENGINE SERIAL No. 465900



ENGINE
MAINTENANCE RECORDS

LOG No. 2

AIRCRAFT REGISTRATION No. N759 BZ

ENGINE MANUFACTURER TCM

MODEL O-470-U

SERIAL No. 465900

TIME BETWEEN OVERHAULS (TBO) _____ HOURS

IF USED ON MULTI-ENGINE AIRCRAFT:

___ RIGHT ___ LEFT



7929 Airport Rd.
Waco, Texas 76708
CRS No. AK6R541N

Engine TT: 1841.8
Engine SMOH: 319.8
Prop SMOH: 318.8
Hour Meter: 1841.8
Date: 02/07/2001

TCM 0-470-U S/N 465900

On above referenced engine, removed all cowling for 100 Hour/Annual Inspection. Cleaned spark plugs. Inspected points and checked magneto timing. Inspected plug harness and all engine electrical. Checked all engine controls for movement and attach points. Inspected intake and exhaust system, condition and integrity of all engine accessories. Inspected engine mounts, all baffles, and cowling. Inspected prop, spinner and bulkhead. Inspected all fuel, oil and hydraulic lines and fittings. Ran compressions and readings were: 1) 65/80, 2) 70/80, 3) 70/80, 4) 70/80, 5) 73/80, 6) 65/80. Installed new baffle seals. Cleaned and painted crankcase vent line. Installed air conditioner compressor and mount assembly, I/A/W DER approval dated 01/18/2001. A.D.'s researched through bi-weekly 2001-02. Above work done in accordance with TCM and Cessna Service Manuals and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approved for return to service. Pertinent details are on file under work order #0764.

[Signature]
Air Impressions, Inc.
CRS# AK6R541N



7929 Airport Rd.
Waco, Texas 76708
CRS No. AK6R541N

I certify this Engine has been inspected in accordance with a 100 HR. Inspection and has been determined to be in an airworthy condition.
DATE 02/07/2001 TACH 1841.8
ENGINE SMOH 318.8
ENGINE TT 1841.8
SIGNED *[Signature]*
AIR IMPRESSIONS, INC
REPAIR STATION # AK6R541N

SUB-TOTALS THIS PAGE

TOTALS - CARRY FORWARD TO NEXT PAGE

DATE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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AURORA AVIATION, INC.
 355 McGregor Airport Rd.
 McGregor, TX 76657
 (254) 848-4915
 Fax (254) 848-5437

2 July 2001

CRS # U9RR733J

S/N: 182Q65875 Tach Time: 1863.2 N759BZ

Completed engine oil and filter change. New CH48110 oil filter installed, and added 12 quarts of Aeroshell 100W oil. All leak and operational checks were satisfactory.

This aircraft is approved for return to service on the maintenance performed.

James W. Nolen
 A&P 366723452



7929 Airport Rd.
 Waco, Texas 76708
 CRS No. AK6R541N

Cessna 182Q S/N 18265875 N759BZ


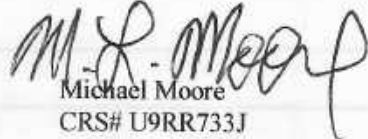

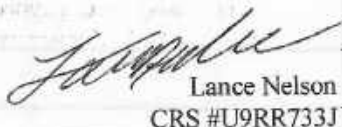
Date: 08/30/2001
 Tach: 1866.9

On above referenced aircraft, installed new air conditioner drive belt. Aircraft ground run-up checked satisfactory and is approved for return to service for maintenance performed. Pertinent details are on file under work order 0764.

Air Impressions, Inc.
 CRS# AK6R541N

PLEASE PRINT NAME

TOTALS - CARRY FORWARD TO NEXT PAGE

DATE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
 AURORA AVIATION, INC. <small>A NEW DAWN OF EXCELLENCE</small>			355 MCGREGOR AIRPORT ROAD MCGREGOR, TEXAS 76657 PHONE: (254) 848-4915 FAX: (254) 848-5437 CRS # U9RR733J
11-30-01	S/N: 18265875	Tach time: 1891.0	N759BZ
<p>Installed a Shadin Microflo L fuel flow indicator, p/n 912041T-38-D s/n 2140, and a fuel flow transducer, p/n 680503X s/n 111166, by authority of Shadin Company, Inc. STC SA964GL and in accordance with Shadin report number 4091.</p>			
<p>For work performed this aircraft is approved for return to service. Details on file under work order number 01-1054.</p>			
 Michael Moore CRS# U9RR733J			
 AURORA AVIATION, INC. <small>A NEW DAWN OF EXCELLENCE</small>			355 MCGREGOR AIRPORT ROAD MCGREGOR, TEXAS 76657 PHONE: (254) 848-4915 FAX: (254) 848-5437 CRS# U9RR733J
1 March 2002	N759BZ	S/N 465900	Tach Time: 1926.8 Hours TSMOH: 404.8 Hours
<p>Performed an Annual Inspection as required by FAR 91.409 and in accordance with FAR 43 Appendix D. Checked compression, readings are as follows: 1) 68/80 2) 74/80 3) 76/80 4) 75/80 5) 72/80 6) 69/80. Changed oil and oil filter with Champion CH48110 Filter and 12 quarts of Aeroshell W100. Replaced all spark plugs with Champion RHB32E. Adjusted fuel mixture. Secured various lines with tie wraps. Installed rubber nipple on oil temp bulb. Tightened and saftied EGT clamp. Pressure checked intake and exhaust system, including muffler. Installed new screws in muffler shroud. Inspected magnetos for wear and function. Timed magnetos to engine. Complied with AD 86-24-07, Engine Control's Castlenuts, by inspection. Complied with AD 96-12-22, Oil Filter Adapter, by inspection. Complied with AD 97-01-13, Hoses, by inspection. Engine leak check, all operational checks and power run up good.</p>			
<p>I certify this engine was inspected in accordance with an Annual Inspection and was found in an airworthy condition. Details on file under Shop Order Number 02-1076.</p>			
 Lance Nelson CRS #U9RR733J			
			SUB-TOTALS THIS PAGE
			TOTALS - CARRY FORWARD TO NEXT PAGE

DATE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE No. OF PERSON PERFORMING WORK
2002			
6/14		1962.6	ENGINE WARMED, OIL DRAINED, SCREEN CHECKED CLEAN, FILTER REMOVED & INSPECTED CLEAN ADAPTER INSPECTED I/A/W AD 96-12-22 NO DEFECTS NOTED. INSTALLED NEW CH48110 FILTER & SERVICED ENGINE W/11 QTS AERO-SHELL W 100. NO LEAKS NOTED @ RUN-UP C Roberts Asp 271000441 SA
9/23	467.5	1989.5	WARMED ENGINE, OIL DRAINED - SAMPLE DRAWN, SCREEN & FILTER CHECKED, NO METAL NOTED. OIL FILTER ADAPTER INSPECTED I/A/W AD 96-12-22 NO DEFECTS NOTED. INSTALLED NEW CH48110 FILTER, SERVICED ENGINE W/12 QTS AEROSHELL W 100. ENGINE OPS CHECKED SATISFACTORY W/NO FLUID LEAKS NOTED C Roberts Asp 271000441 SA



355 MCGREGOR AIRPORT ROAD
MCGREGOR, TEXAS 76657
PHONE: (254) 848-4915
FAX: (254) 848-5437
CRS #U9RR733J

3-21-03

S/N: 465900

TSMOH: 487.9

Tach: 2010.9

N759BZ

Performed an annual inspection as required by FAR 91.409 in accordance with FAR 43 appendix D. Compression results are as follows: #1 70/80, #2 71/80, #3 72/80, #4 76/80, #5 64/80 & #6 66/80. Cleaned, inspected, gapped & tested all spark plugs. Checked the magneto to engine timing. Cleaned the carburetor fuel inlet screen. Replaced several induction coupling clamps. Pressure tested the exhaust system, no leaks noted. Complied with AD 96-12-22 by inspection of the oil filter adaptor, due at each filter replacement. No oil or filter change was performed at this time. All operational checks and power run-up good.

I certify this engine was inspected in accordance with an annual inspection and was found in an airworthy condition. Details on file under work order number 03-1513.

Michael Moore
Michael Moore
CRS#U9RR733J

DATE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2003			
		2087.8	WARMED ENGINE, DRAINED OIL - SAMPLE DRAWN
12/8			FILTER CHECKED CLEAN. OIL FILTER ADAPTER INSPECTED I/A/W AD 96-12-22 NO DEFECTS NOTED, INSTALLED
			NEW CH48110 OIL FILTER & ADDED 12 QTS AERO-SHELL W 100 OIL. REPLACED # 6 CYL INTAKE
			GASKET DUE TO LEAKAGE USING PIN 536413. NO
			LEAKS NOTED @ 6000RPM
			James Roberts ASP2716004416A
5/7/04	2117.6	2117.6	COMPLETED 100 HR (ANNUAL) INSPECTION I/A/W FAR
	SMOH	595.6	43-D AND TCM CHECKLIST. ENGINE WARMED, OIL
			DRAINED - SAMPLE DRAWN. FILTER REMOVED AND
			INSPECTED - NO METAL NOTED. FUEL SCREENS CHECKED
			CLEAN. IGNITION TIMING CHECKED WITHIN LIMITS.
			PLUGS CLEANED, GAPPED, TESTED, ROTATED, & IN-
			STALLED USING NEW GASKETS. FOUND AIR BOX
			LOOSE, RETORQUED / SAFETYED AS REQ'D ENGINE
			DEGREASED AND SYSTEMS INSPECTED AND FOUND
			TO BE SATISFACTORY. C/W AD 96-12-22 INSTALLED
			NEW CH48110 FILTER & SERVICED ENGINE W/ 12 QTS
			AEROSHELL W 100. POST RUN SATISFACTORY W/ NO
			FLUID LEAKS NOTED. AD'S CHECKED THRU ISSUE 2004-
			09 SEE LISTING. I CERTIFY THAT THIS ENGINE
			HAS BEEN INSPECTED I/A/W A 100HR INSPECTION AND
			WAS DETERMINED TO BE IN AIRWORTHY CONDITION
			James Roberts AAP 2716004416A
			SUB-TOTALS THIS PAGE
			TOTALS - CARRY FORWARD TO NEXT PAGE

DATE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2004			
		2183.3	WARMED ENGINE, DRAINED OIL - SAMPLE DRAWN -
9/14			FILTER RMVD CHECKED CLEAN. INSTALLED NEW
			CHABLO FILTER & SERVICED ENGINE W/ 13 QTS
			A/S W100 ENGINE VISUALLY INSPECTED - NO
			DEFECTS NOTED GROUND RUN SATISFACTORY
			W/ NO LEAKS NOTED
			<i>Thomas Roberts</i>
			ASP 271600441 1A



WELLS AIRCRAFT, INC.
 P.O. BOX 858
 MUNICIPAL AIRPORT
 HUTCHINSON, KS 67504-0858
 CRS NT2R043L

Date: 9-29-04
 Work Order: 4828
 N759BZ
 Total Time:
 Tach Time: 2192.2 Engine

Removed The Oil Cooler And Cooler Adapter, Cleaned Mounting Surfaces And Reinstalled Using New Gaskets; Leak Check OK.

Authorized Signature

Richard Lanning

11/24		2220.3	WARMED ENGINE, DRAINED OIL - SAMPLE
			DRAIN RMVD & INSPECTED FILTER - NO DEBRIS
			NOTED. FILTER ADAPTER INSPECTED I/A/W AD 96.
			12-22 NO DEFECTS NOTED. INSTALLED NEW
			CHABLO FILTER & SERVICED ENGINE W/ 13 QTS
			AEROSHELL W 100. POST RUN SATISFACTORY W/
			NO FLUID LEAKS NOTED.
			<i>Thomas Roberts</i>
			ASP 271600441 1A

SUB-TOTALS THIS PAGE

TOTALS - CARRY FORWARD TO NEXT PAGE

DATE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2005		2260.6	
10/28	738.6	T: 2260.6	Removed engine from aircraft. Gerald L. Gates A&P 3030583

DATE: 07/10/06 **TACH:** 2260.4 **N:** 759BZ **MODEL:** 182Q **S/N:** 18265875 **TOTAL TIME:** 2260.4
ENGINE MODEL: IO-470-F **S/N:** 465900 **TOTAL TIME:** 738.4 **TSMOH:** 0.0
PROPELLER MODEL: BHC-G2YF-1BF **S/N:** JH1348 **TSOH:** 0.0

Installed Challenger air filter kit. (see form 337) Removed and reinstalled engine after overhaul and conversion by Penn Yan Aero. (see form 337)

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

BOB GATES AIRCRAFT MAINTENANCE, INC.
 5235 GULFSTREAM CT.
 LOVELAND, CO 80538
 970-461-9999

Gerald L. Gates A&P 3030583 IA



DATE: 07/27/06 **TACH:** 2270.4 **N:** 759BZ **MODEL:** 182Q **S/N:** 18265875 **TOTAL TIME:** 2270.4
ENGINE MODEL: IO-470-F **S/N:** 465900 **TOTAL TIME:** 738.4 **TSMOH:** 10.0
PROPELLER MODEL: BHC-G2YF-1BF **S/N:** JH1348 **TT:** 10.0

Bench tested prop governor. Changed oil and filter, serviced with 11 qts Aeroshell 100 mineral oil. Opened filter, no metal found. Washed down. Run up satisfactory.

BOB GATES AIRCRAFT MAINTENANCE, INC.
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 LOVELAND, CO 80538
 970-461-9999

Gerald L. Gates A&P 3030583 IA

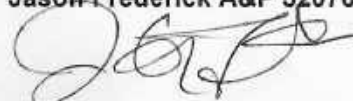


DATE: 08/15/06 **TACH:** 2288.8 **N:** 759BZ **MODEL:** 182Q **S/N:** 18265875 **TOTAL TIME:** 2288.8
ENGINE MODEL: IO-470-F **S/N:** 465900 **TOTAL TIME:** 756.8 **TSMOH:** 28.4
PROPELLER MODEL: BHC-G2YF-1BF **S/N:** JH1348 **TT:** 28.4

Changed oil and filter, serviced with 12 qts Aeroshell 100 mineral oil and 2 cans Avblend. Opened filter, no metal found. Washed down. Run up satisfactory.

BOB GATES AIRCRAFT MAINTENANCE, INC.
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Jason-Frederick A&P 520767337

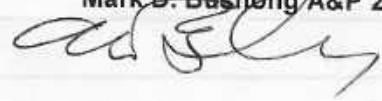


DATE

DATE: 10/02/06 **TACH:** 2306.0 **N:** 759BZ **MODEL:** 182Q **S/N:** 18265875 **TOTAL TIME:** 2306.0
ENGINE MODEL: IO-470-F **S/N:** 465900 **TOTAL TIME:** 774.0 **TSMOH:** 45.6
PROPELLER MODEL: BHC-G2YF-1BF **S/N:** JH1348 **TT:** 45.6

Changed oil and filter, serviced with 12 qts Aeroshell 15W50 oil and 2 cans Avblend. Opened filter, no metal found. Washed down. Run up satisfactory.

BOB GATES AIRCRAFT MAINTENANCE, INC.
 5235 GULFSTREAM CT.
 LOVELAND, CO 80538
 970-461-9999

Mark D. Bushong A&P 2689010


DATE: 03/14/07 **TACH:** 2340.9 **N:** 759BZ **MODEL:** 182Q **S/N:** 18265875 **TOTAL TIME:** 2340.9
ENGINE MODEL: IO-470-F **S/N:** 465900 **TOTAL TIME:** 808.9 **TSMOH:** 80.5
PROPELLER MODEL: BHC-G2YF-1BF **S/N:** JH1348 **TT:** 80.5

Changed oil and filter, serviced with 11 qts Aeroshell 15W50 oil and 2 cans Avblend. Opened filter, no metal found. Compression check: all compressions 75 or above. Washed down. Run up satisfactory, no leaks found.

BOB GATES AIRCRAFT MAINTENANCE, INC.
 5235 GULF STREAM CT.
 LOVELAND, CO 80538
 970-461-9999

Paul D. Voorhees A&P 522377662


DATE: 08/03/07 **TACH:** 2353.3 **N:** 759BZ **MODEL:** 182Q **S/N:** 18265875 **TOTAL TIME:** 2353.3
ENGINE MODEL: IO-470-F **S/N:** 465900 **TOTAL TIME:** 831.3 **TSMOH:** 92.9
PROPELLER MODEL: BHC-G2YF-1BF **S/N:** JH1348 **TSOH:** 92.9

Completed **annual** inspection this date IAW FAR 43 App. D and checklist. C/W **AD96-12-22** by torque verification of oil filter adapter nut, next due at 2403.3 tach time. Compression checks as follows: #1 76/80, #2 71/80, #3 73/80, #4 74/80, #5 75/80, and #6 70/80. Changed oil and filter. Sample taken. Serviced with 11 qts Aeroshell 100+ oil and 2 cans Avblend. Opened filter, no metal found. Washed down. Run up satisfactory, no leaks found. Researched AD's through 2007-15.

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

BOB GATES AIRCRAFT MAINTENANCE, INC.
 5235 GULF STREAM CT.
 LOVELAND, CO 80538
 970-461-9999


Gerald L. Gates A&P 3030583 IA

SUB-TOTALS THIS PAGE

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DATE

DATE: 09/17/08 **TACH:** 2355.1 **N:** 759BZ **MODEL:** 182Q **S/N:** 18265875 **TOTAL TIME:** 2355.1
ENGINE MODEL: IO-470-F **S/N:** 465900 **TOTAL TIME:** 833.1 **TSMOH:** 94.7
PROPELLER MODEL: BHC-G2YF-1BF **S/N:** JH1348 **TSOH:** 94.7

Completed **annual** inspection this date IAW FAR 43 App. D and checklist. C/W **AD96-12-22** by visual and physical inspection of oil filter adapter IAW para (b), next due at oil filter change. Compression checks as follows; #1 74/80, #2 74/80, #3 72/80, #4 78/80, #5 76/80, and #6 74/80. Changed oil and filter. Serviced with 10 qts Aeroshell 15w50 oil. Opened filter, no metal found. Washed down. Run up satisfactory, no leaks found. Researched AD's through 2008-17.

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

BOB GATES AIRCRAFT MAINTENANCE, INC.
5235 GULF STREAM CT.
LOVELAND, CO 80538
970-461-9999

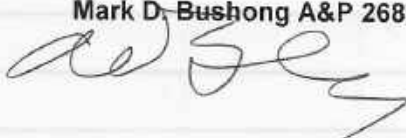
Mark D. Bushong A&P 2689010IA


DATE: 08/17/09 **TACH:** 2356.7 **N:** 759BZ **MODEL:** 182Q **S/N:** 18265875 **TOTAL TIME:** 2356.7
ENGINE MODEL: IO-470-F **S/N:** 465900 **TOTAL TIME:** 834.7 **TSMOH:** 96.3
PROPELLER MODEL: BHC-G2YF-1BF **S/N:** JH1348 **TSOH:** 96.3

Completed **annual** inspection this date IAW FAR 43 App. D and checklist. C/W **AD 96-12-22** by visual and physical inspection of oil filter adapter IAW para (b), next due at oil filter change. Compression checks as follows; #1 76/80, #2 76/80, #3 78/80, #4 72/80, #5 76/80, and #6 72/80. Changed oil and filter. Serviced with 10 qts Aeroshell 15w50 oil. Opened filter, no metal found. Washed down. Run up satisfactory, no leaks found. Researched AD's through 2009-10.

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


BOB GATES AIRCRAFT MAINTENANCE, INC.
5235 GULF STREAM CT.
LOVELAND, CO 80538
970-461-9999

Mark D. Bushong A&P 2689010IA


DATE: 06/01/10 **TACH:** 2376.9 **N:** 759BZ **MODEL:** 182Q **S/N:** 18265875 **TOTAL TIME:** 2376.9
ENGINE MODEL: IO-470-F **S/N:** 465900 **TOTAL TIME:** 844.9 **TSMOH:** 116.5
PROPELLER MODEL: BHC-G2YF-1BF **S/N:** JH1348 **TT:** 116.5

Changed oil and filter, serviced with 10 qts Aeroshell w100+ oil and 2 cans Avblend. Opened filter, no metal found. Removed air filter, cleaned, oiled and reinstalled. Washed down. Run up satisfactory, no leaks found. Removed prop governor, sent for overhaul and reinstalled after overhaul by Redline Aviation (see form 8130-3).

GATES AVIATION, INC.
5235 GULF STREAM CT.
LOVELAND, CO 80538
970-461-9999


Gerald L. Gates A&P 3030583

Engine Totals - Carry Forward to Next Page
Total - Carry Forward to Next Page

DATE

PAGE NO.

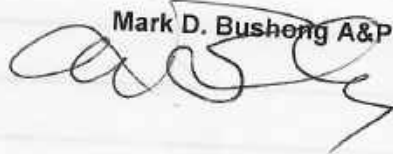
DATE: 09/17/08 TACH: 2355.1 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2355.1
 ENGINE MODEL: IO-470-F S/N: 465900 TOTAL TIME: 833.1 TSMOH: 94.7
 PROPELLER MODEL: BHC-G2YF-1BF S/N: JH1348 TSOH: 94.7

Completed **annual** inspection this date IAW FAR 43 App. D and checklist. C/W AD96-12-22 by visual and physical inspection of oil filter adapter IAW para (b), next due at oil filter change. Compression checks as follows; #1 74/80, #2 74/80, #3 72/80, #4 78/80, #5 76/80, and #6 74/80. Changed oil and filter. Serviced with 10 qts Aeroshell 15w50 oil. Opened filter, no metal found. Washed down. Run up satisfactory, no leaks found. Researched AD's through 2008-17.

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

BOB GATES AIRCRAFT MAINTENANCE, INC.
 5235 GULF STREAM CT.
 LOVELAND, CO 80538
 970-461-9999

Mark D. Bushong A&P 2689010IA

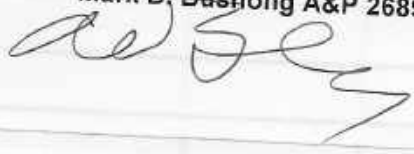


DATE: 08/17/09 TACH: 2356.7 N: 759BZ MODEL: 182Q S/N: 18265875 TOTAL TIME: 2356.7
 ENGINE MODEL: IO-470-F S/N: 465900 TOTAL TIME: 834.7 TSMOH: 96.3
 PROPELLER MODEL: BHC-G2YF-1BF S/N: JH1348 TSOH: 96.3

Completed **annual** inspection this date IAW FAR 43 App. D and checklist. C/W AD 96-12-22 by visual and physical inspection of oil filter adapter IAW para (b), next due at oil filter change. Compression checks as follows; #1 76/80, #2 76/80, #3 78/80, #4 72/80, #5 76/80, and #6 72/80. Changed oil and filter. Serviced with 10 qts Aeroshell 15w50 oil. Opened filter, no metal found. Washed down. Run up satisfactory, no leaks found. Researched AD's through 2009-10.

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

Mark D. Bushong A&P 2689010IA

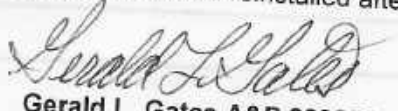


1. Approving National Aviation Authority/Country		2. Form Trading Number	
USA		1628	
4. Organization Name and Address			
Redline Aviation P.O. Box 493 Akron, Colorado 80720			
5. Item #	6. Description	7. Part Number	8. Quantity
1	McCauley Governor	C290D3K/T5	1
11. Remarks		9. Eligible*	10. Serial/Part Number
Disassembled, cleaned, inspected, C/W S/L's 2002-13, 2001-9, 2000-13A, 2000-11, 2000-10B, 2000-9B, 2000-4, reassembled and tested in accordance with McCauley Manual 780401.		Installer Eligible	772182
12. Status/Work		13. Date (month/year)	
Overhaul		5-27-2010	
14. Condition the items identified above were manufactured in conformity to:			
<input checked="" type="checkbox"/> Approved design data and any in a condition for safe operation, non-approved design data specified in Block 13. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13			
15. Authorized Signature		16. Approved/Authorizing No.	
 Daniel M. Jensen		R62R296Y	
17. Name (Typed or Printed)		18. Date (month/year)	
User/Installer Responsibility		5-27-2010	

182Q S/N: 18265875 TOTAL TIME: 2376.9
 OTAL TIME: 844.9 TSMOH: 116.5
 1BF S/N: JH1348 TT: 116.5

w/100+ oil and 2 cans Avblend. Opened and reinstalled. Washed down. Run up or, sent for overhaul and reinstalled after

Gerald L. Gates A&P 3030583



*Insulator must contain electrical data, with applicable to local data

DATE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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DATE: 07/01/10 **TACH:** 2390.8 **N:** 759BZ **MODEL:** 182Q **S/N:** 18265875 **TOTAL TIME:** 2390.8
ENGINE MODEL: IO-470-F **S/N:** 465900 **TOTAL TIME:** 858.8 **TSMOH:** 130.4
PROPELLER MODEL: BHC-G2YF-1BF **S/N:** JH1348 **TT:** 130.4

Replaced oil quick drain.

GATES AVIATION, INC.
5235 GULF STREAM CT.
LOVELAND, CO 80538
970-461-9999

John B. Lewis A&P 3497261



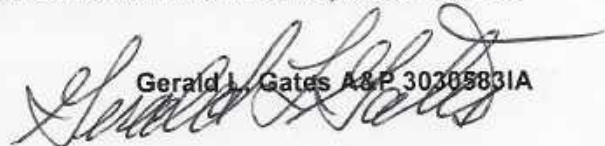
DATE: 09/24/10 **TACH:** 2392.1 **N:** 759BZ **MODEL:** 182Q **S/N:** 18265875 **TOTAL TIME:** 2392.1
ENGINE MODEL: IO-470-F **S/N:** 465900 **TOTAL TIME:** 870.1 **TSMOH:** 131.7

Completed **annual** inspection this date IAW FAR 43 App. D and checklist. C/W **AD 96-12-22** by visual and physical inspection of oil filter adapter IAW para (b), next due at oil filter change. Compression checks as follows; #1 74/80, #2 70/80, #3 78/80, #4 76/80, #5 76/80, and #6 76/80. Changed oil and filter. Serviced with 10 qts Aeroshell 15w50 oil. Opened filter, no metal found, replaced crankshaft seal, washed down. Run up satisfactory, no leaks found. Researched AD's through 2010-16.

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

BOB GATES AIRCRAFT MAINTENANCE, INC.
5235 GULF STREAM CT.
LOVELAND, CO 80538
970-461-9999

Gerald L. Gates A&P 30305831A



LOG BOOK ENTRY

DATE: 01/05/11 **TACH:** 2413.6 **N:** 759BZ **MODEL:** IO-470-F **S/N:** 465900

Tightened all hardware on cylinder Rocker Covers. Replaced O-Ring on dipstick. Changed oil and filter. Installed 1-48110-2 oil filter, serviced engine with 10 qts 15W50 oil and two cans Av-Blend. Cut open old filter, no contaminants found. Secured fuel injectors on cyl. # 2-4-6-5. Ground run-up and leak check satisfactory.

GATES AVIATION INC
5235 GULF STREAM Ct.
Loveland, CO 80538

John Lewis AP3497261



SUB-TOTALS THIS PAGE

TOTALS - CARRY FORWARD TO NEXT PAGE

DATE

DATE: 04-02-2014**N:** N 759BZ**TACH:** 2603.8

Drain oil. Check and change oil filter. Refill sump with 10 qt. Aeroshell 15W50 oil. Wash off rear of engine and cowling. Repair broken manifold pressure line. Run up checks satisfactory.

Larry Hallock
A&P 2239535



Professional Aircraft Services
4824 Earhart Rd, Loveland, CO 80538
970-679-4633

DATE: 11-04-2014**N:** N 759BZ**TACH:** 2635.6

Drain oil. Check and change oil filter, no contaminants detected. Comply with **AD 96-12-22** by inspection of oil filter adapter & nut safety. Refill sump with 10 quarts of Aeroshell 15W50 oil. Remove starter and install loaner starter. Wash off rear of engine. Run up and leak checks satisfactory.

Larry Hallock
A&P 2239535



Professional Aircraft Services
4824 Earhart Rd, Loveland, CO 80538
970-679-4633

DATE: 11-17-2014
ENGINE: TCM IO-470F

N: N 759BZ
S/N: 465900

TACH: 2638.4
TSMOH: 378

Complete Annual inspection. All engine controls and systems inspected in accordance with FAR 43 App.D. and checklist. Drain oil. Check and change oil filter. Compression checks: #1 72/80, #2 66/80, #3 74/80, #4 72/80, #5 76/80, #6 76/80. Clean, gap, and rotate spark plugs. Check and set magneto to engine timing. Clean and inspect fuel injectors. Remove loaner starter and install overhauled exchange starter, part # 646288-2R. Remove and replace leaking crankshaft seal. Clean and service air filter element. Comply with **AD 96-12-22** by inspection of oil filter adapter & nut safety. Check and lubricate engine controls. Refill sump with 10 qts 15W50 Aeroshell oil. AD's researched through B/W 2014-22 for applicability. Wash engine and cowling. Engine run up checks were satisfactory.

I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in an Airworthy Condition.

Larry Hallock
IA 2239535



Professional Aircraft Services
4824 Earhart Rd, Loveland, CO 80538
970-679-4633

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DATE

DATE: 03-10-2015

N: N 759BZ

TACH: 2660.4

Drain oil. Check and change oil filter, no contaminants detected. Comply with AD 96-12-22 by inspection of oil filter adapter & nut safety. Refill sump with 10 quarts of Aeroshell 15W50 oil. Wash off rear of engine. Run up and leak checks satisfactory.

Larry Hallock
A&P 2239535



Professional Aircraft Services
4824 Earhart Rd, Loveland, CO 80538
970-679-4633

DATE: 05-22-2015

N: N 759BZ

TACH: 2688.6

Drain oil. Check and change oil filter, no contaminants detected. Comply with AD 96-12-22 by inspection of oil filter adapter & nut safety. Refill sump with 10 quarts of Aeroshell 15W50 oil. Wash off rear of engine. Run up and leak checks satisfactory.

Larry Hallock
A&P 2239535



Professional Aircraft Services
4824 Earhart Rd, Loveland, CO 80538
970-679-4633

DATE: 10-12-2015
ENGINE: TCM IO-470F

N: N 759BZ
S/N: 465900

TACH: 2707.6
TSMOH: 447.2

Complete Annual inspection. All engine controls and systems inspected in accordance with FAR 43 App.D. and checklist. Drain oil. Check and change oil filter. Compression checks: #1 74/80, #2 68/80, #3 76/80, #4 74/80, #5 76/80, #6 76/80. Clean, gap, and rotate spark plugs. Check and set magneto to engine timing. Clean, inspect and reinstall fuel injectors. Clean and service air filter element. Clean, inspect and service K & N air filter. Comply with AD 96-12-22 by inspection of oil filter adapter & nut safety. Check and lubricate engine controls. Refill sump with 10 qts 15W50 Aeroshell oil. AD's researched through B/W 2015-20 for applicability. Wash engine and cowling. Engine run up checks were satisfactory.

I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in an Airworthy Condition.

Larry Hallock
IA 2239535



Professional Aircraft Services
4824 Earhart Rd, Loveland, CO 80538
970-679-4633

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DATE

DATE: 11-17-2016
ENGINE: TCM IO-470F

N: N 759BZ
S/N: 465900

TACH: 2757.7
TSMOH: 497.3

Complete Annual inspection. All engine controls and systems inspected in accordance with FAR 43 App.D. and checklist. Drain oil. Check and change oil filter. Compression checks: #1 71/80, #2 65 /80, #3 70/80, #4 72/80, #5 77 /80, #6 72/80. Clean, gap, and rotate spark plugs. Check and set magneto to engine timing. Clean, inspect and reinstall fuel injectors. Torque as required. Leak check satisfactory. Clean and service air filter element. Clean, inspect and service K & N air filter. Comply with **AD 96-12-22** by inspection of oil filter adapter & nut safety. Check and lubricate engine controls. Refill sump with 10 qts 15W50 Aeroshell oil. AD's researched through B/W 2016-22 for applicability. Wash engine and cowling. Engine run up checks were satisfactory.

I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in an Airworthy Condition.

Larry Hallock
 IA 2239535



Professional Aircraft Services
 4824 Earhart Rd, Loveland, CO 80538
 970-679-4633

DATE: 10-20-2017
ENGINE: TCM IO-470F

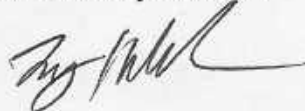
N: N 759BZ
S/N: 465900

TACH: 2786.2
TSMOH: 525.8

Complete Annual inspection. All engine controls and systems inspected in accordance with FAR 43 App.D. and checklist. Drain oil. Check and change oil filter. Compression checks: #1 78/80, #2 70 /80, #3 78/80, #4 75/80, #5 78 /80, #6 78/80. Clean, gap, and rotate spark plugs. Check and set magneto to engine timing. Clean, inspect and reinstall fuel injectors. Torque as required. Leak check satisfactory. Clean and service air filter element. Clean, inspect and service K & N air filter. Comply with **AD 96-12-22** by inspection of oil filter adapter & nut safety. Check and lubricate engine controls. Refill sump with 10 qts. Aeroshell 15W50 oil. AD's researched through B/W 2017-20 for applicability. Wash engine and cowling. Engine run up checks were satisfactory.

I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in an Airworthy Condition.

Larry Hallock
 IA 2239535



Professional Aircraft Services
 4824 Earhart Rd, Loveland, CO 80538
 970-679-4633

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February 5, 2019 Tach: 2823.5

Model 6310 S/N: 15101582

Performed 500-hr inspection in accordance with Champion Aerospace Manual, P/N L-1363G. Magneto disassembled, cleaned, inspected, and reassembled with new Slick contact kit, condenser, seal, rotor gear, distributor gear kit, bearings, and key. Disassembled and inspected impulse coupling and found satisfactory for continued service. Reassembled impulse with new spring. Bench tested magneto in accordance with Chapter 8 of manual and found output to meet or exceed published minimums. This magneto is in compliance with all applicable ADs and Service Bulletins and is approved for return to service as an uninstalled part.

PAGE No. _____

DATE

IRMING WORK

Paul A. Brevard
Paul A. Brevard
2126680351A

February 5, 2019 Tach: 2823.5

Model 6310 S/N: 15101601

Performed 500-hr inspection in accordance with Champion Aerospace Manual, P/N L-1363G. Magneto disassembled, cleaned, inspected, and reassembled with new Slick contact kit, condenser, seal, rotor gear, distributor gear, bearings, and key. Disassembled and inspected impulse coupling and found satisfactory for continued service. Reassembled impulse with new spring. Bench tested magneto in accordance with Chapter 8 of manual and found output to meet or exceed published minimums. This magneto is in compliance with all applicable ADs and Service Bulletins and is approved for return to service as an uninstalled part.

Paul A. Brevard
Paul A. Brevard
2126680351A

DATE: 6-5-19

TSMOH: 00:00

TACH: 2823.5

MODEL: IO-470-F

SERIAL: 465900

N759BZ

This engine was Overhauled this date in accordance with TCM Parts Manual X30587A, Overhaul Manual X30588A and Service Bulletin 75-6-R1. Crankshaft Overhauled, Dynamically Balanced and Certified Mains and Rods M.010 new limits, see tag. Connecting rods overhauled and certified, see tag. Installed New Camshaft SA535661 with 6 each SA646277 Lifter and 6 each SA628488 Lifters installed, see release form for camshaft. Crankcase overhauled and certified, see release form. Internal steel inspected and certified as required, see release form. Engine reassembled using new parts as follows: 1 each 641250 Crank Seal; 1 each SA646588A1 M.010 Main Bearing Set; 12 each SA630826M.010 Rod Bearings; 12 each 655961 Rod Bolts; 12 each 654490 Rod Nuts; 1 each 626739M.010 Transfer Collar; 1 each SA536092A10 Major Gasket Set; 6 each SA539467 Piston Pins; 1 each SA537721 Needle Bearing; 1 each 657175 Crank Gear; 1 each Thru-Bolt Kit by RAM; 6 each SA536379 Crank Gear Bolts; 4 each SA535666 Cam Gear Bolts; 4 each 638172 Magneto Drive Rubbers; Both Slick Magnetos Overhauled / Certified, see release forms. New Ignition Harness and Spark plugs installed. 6 each New Continental Steel Complete Cylinder Assemblies installed, supplied by customer, see release forms. Complete Fuel Injection System Overhauled and Certified, see release forms. Oil Cooler Overhauled / Certified, see release form. Starter Drive reworked with all new parts to M.030 New Fits and Limits with 1 each AAE7977 Shim. Rocker Arms reworked with new one-piece bushings. Installed E Z Heat pad onto sump. Installed new Tempest Vacuum Pump AA3216CW, Serial# 04IE08, see release form. All Gaskets, Safeties and Seals replaced as required. Serviced engine with 12 quarts of Aeroshell 100 Mineral and was ground operated on engine run stand and is approved for return to service. Compression Check as follows: 1) 77/80 2) 78/80 3) 77/80 4) 78/80 5) 79/80 6) 76/80. For details concerning this overhaul, please refer to WO# 5578 on file at this Repair / Overhaul Facility. Maintenance Release Tags supplied with this Logbook Entry. --- END ---

J. F. Folchert
A&P2689458

J.F. Folchert

FOR

Aircraft Cylinders & Engines, Inc.
625 Buss Avenue
Greeley, CO 80631

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DATE

DATE: 07/05/2019
ENGINE: TCM IO-470F

N: N 759BZ
S/N: 465900

TACH: 2823.5
TSMOH: 0.0

Completed Annual inspection. All engine controls and systems inspected in accordance with 14 CFR Part 43 app. D. and checklist. Remove and reinstall engine following overhaul by Aircraft Cylinders & Engines (engine overhaul log entry for details). Engine installed with new engine shock mounts and bolts. Install 4 new engine bonding straps at mounts. All engine baffling repaired, painted and install new baffle seals. Install all new firesleeved oil and fuel hose assy's. Install all new low pressure hoses. Install all new air & heating ducts. Clean and service air filter element. Clean, inspect and service K & N air filter. Comply with AD 96-12-22 by inspection of oil filter adapter & nut safety. Check and lubricate engine controls. Service with 10 qts. Aeroshell 10 non-detergent oil. Pre oil engine. AD's researched through current biweekly period for applicability. Wash engine and cowling. Set up engine idle RPM and idle mixture. Engine run up checks and check flight were satisfactory.

I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in an Airworthy Condition.

Larry Hallock
IA 2239535



Professional Aircraft Services
4824 Earhart Rd, Loveland, CO 80538
970-679-4633

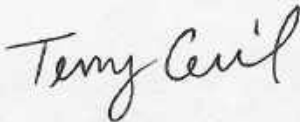
DATE: 07-23-2019

N: N 759BZ

TACH: 2849.5

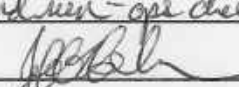
Complete compression checks, #1 73/80, #2 74/80, #3 74/80, #4 74/80, #5 73/80, #6 75/80. Change oil and filter. Install a new CH48108-1 oil filter and service engine with 11 quarts of Aeroshell 100 mineral oil. Cut open filter with no contaminants found. Test run engine with no leaks found.

Terry Cecil
A&P 3258753



Professional Aircraft Services
4824 Earhart Rd, Loveland, CO 80538
970-679-4633

2-10-2020 ^{ticks} 2872.7

Drained oil, removed oil filter and inspected oil filter element - no significant material noted. Installed a new Tempest 48108 filter per filter instructions. Serviced crankcase to capacity using Aeroshell 15w-50 oil. AD 96-12-22 dated 7-31-1996 complied with by inspection per Para D-Checks satisfactory - reinspect at each filter change. Engine was ground run - ops check / peak check satisfactory.
 AP3395269

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DATE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2020	67.6	2891.1	DIFFERENTIAL COMPRESSION CHECK OF CYLINDERS SHOWED AS FOLLOWS:
8-6	Engine Total Time: 2891.1		<p>① 71/80 ② 70/80 ③ 72/80 ④ 74/80 ⑤ 74/80 ⑥ 71/80. OIL NOT CHANGED AT THIS TIME. REMOVED ALL SPARK PLUGS - CLEANED, REGAPPED, TESTED AND REINSTALLED USING SERVICEABLE GASKETS. CHECKED MAGNETO/ENGINE TIMING - CHECKS SATISFACTORY. REMOVED AND CLEANED FUEL INJECTOR NOZZLES FOR CYLINDERS # 2, 4 AND 6 - REINSTALLED IN THEIR RESPECTIVE LOCATIONS. SERVICED ENGINE CONTROLS. SEE SEPARATE AD LISTING FOR COMPLIANCE. ALL WORK ACCOMPLISHED PER TCM O/H MANUAL. ENGINE WAS GROUND RUN - OPS CHECK/LEAK CHECK SATISFACTORY. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <i>[Signature]</i> AP 3395269</p>
			<p>8/18/2020 Tach 2896.3 Adjusted idle speed. Tightened alternator belt and applied belt dressing to alternator and A/C compressor belts. Engine ground run, ops check satisfactory. <i>[Signature]</i> AP 3395269</p>
4-13-21		2917.7	<p>Drained oil, removed oil filter and inspected filter element, no significant material noted. Installed a new Tempest 48108-2 oil filter per filter instructions. Serviced crankcase to capacity using Shell 15W-50 oil. Engine was ground run - ops check/leak check satisfactory. <i>[Signature]</i> AP 3395269</p> <p>① Note: AD 96-12-22 dated 7-31-1996 complied with by inspection of the oil filter adapter per Para b) - Checks satisfactory. <i>[Signature]</i> AP 3395269</p>
			<p>SUB-TOTALS THIS PAGE</p> <p>TOTALS - CARRY FORWARD TO NEXT PAGE</p>

DATE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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HELENA AIRCRAFT, INC.
 3232 AIRPORT RD. HELENA, MT 59601 (406)442-8360
 FAA C.R.S. # H5LR849J W. O. # 8872

NAME:	Daniel Ocanasek	PHONE:	561-602-6655	DATE:	8/1/2022
ADDRESS:	901 Jackson ST	CITY:	Helena	ORIGINAL	
MAKE & MODEL:	Cessna 182Q	ST & ZIP:	MT, 59601		
REG. NO.:	N759BZ	SERIAL #:	18265875		
TACH:	2,963.0 Hrs.	ENGINE:	IO-470-F S/N 465900		
TOTAL TIME:	2,963.0 Hrs.	HOURS:	2,757.1 Hrs.		

**SERVICE DESCRIPTION
 PERMANENT ENGINE LOG ENTRY**

1. 100 Hr. Inspection.
2. Check engine diff. compression. # 1 = 70/60, # 2 = 70/80, # 3 = 72/80, # 4 = 71/80, # 5 = 74/80 & # 6 = 73/80.
3. Drain engine oil. Remove, cut open and inspect oil filter. No defects/metal noted. Install new oil filter. C/W AD 96-12-22 Cessna Type Oil Filter Adapters I/A/W AD. No defects noted this date. AD due every oilfilter change BUT not to exceed 100 Hrs. TTIS. Due next @ 3063.0 Hrs. Service engine with 11 qts. A/S 15W50 oil.
4. Remove, clean, gap and test spark plugs. Install spark plugs with new gaskets and torque plugs. Clean, inspect, hook up and tighten plug leads.
5. Remove muffler shroud, visual and pressure test exhaust system. No defects/leaks noted. Install shroud.
6. Check mag to engine timing. Retime both mags to engine.
7. Remove fuel injector nozzle, clean and inspect. Install fuel injector nozzles in original cylinders and torque.
 # 1 cylinder = GA 147, # 2 cylinder = GA 147, # 3 cylinder = GM 131, # 4 cylinder = GM 131, # 5 cylinder = GF 123 and # 6 cylinder = GF 123.
8. Remove, clean and inspect fuel injector unit fuel finger screen. Install new base gasket and safety.
9. Clean and reseal fuel strainer bowl using new gasket and packings.
10. Inspect air intake hose from air filter to injector unit. Check alternate air system.
11. Inspect engine baffling, oil cooler, engine mounts and engine cowlings. Install new Tanis heater element in # 6 cylinder. Heater element P/N TTP2771-115-50 and P/N TCS2598 socket connector.
12. Inspect alternator, belt and mount, Drill, tap and install new Heli-coil insert in alternator belt adjustment lug. Install alternator, hook up all wires, adjust belt tension and safety wire bolt.
13. Inspect propeller, spinner and backing plate.
14. Wash down engine and cowlings.
15. Inspect and lube engine control cables.
16. Aircraft ground ran and filter checked. O.K.

Jerry Gresens
 A & P 517605600

I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition this date 8/1/22
 Tach read 2963 hrs. Total time 2963.0 hrs.
 Signed Jerry Gresens
 Jerry Gresens
 A & P 517605600 I. A.

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DATE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Dramstad Flying Service 3080 Airport Rd Helena, MT 59601 406-443-0066			
09-01-2023 N759BZ Tach Time: 2967.8 SMOH: Eng. TT:			
<p>Drained oil, removed oil filter and inspected filter element. No significant material noted. Serviced crankcase to capacity using Aeroshell 15w-50. Installed a new Tempest 48110-2 oil filter per filter instructions. AD96-12-22 dated 7-31-1996 complied with by inspection of the Cessna oil filter adapter per Para b), checks satisfactory, reinspect each 100 hours (tach: 3067.8) or annually. Removed all spark plugs, cleaned, re-gapped, tested and reinstalled using new gaskets. Changed engine/magneto timing to 20* BTDC per engine upgrade data plate. Differential compression check of the cylinders showed as follows: #1: 75/80, #2: 74/80, #3: 75/80, #4: 75/80, #5: 74/80, #6: 75/80. Lubed engine/cabin controls. Engine was ground run, ops check/leak check satisfactory. See separate AD listing for compliance. All work accomplished Lycoming Direct Drive O/H manual. I certify this engine has been inspected in accordance with a 100 Hr./ Annual Inspection and was determined to be in an airworthy condition.</p>			
<p><i>Jabbell</i> AP 3395269 IA</p>			
<p><i>Jerry Green</i> A & P 1780560 J.A.</p>			
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