

The subject aircraft was involved in an incident /
accident on 8/29/2024 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 4836738569US.

Signed: *Underwriters Salvage Company*

Date: **2/26/2026**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

#2



The Standard

ENGINE LOG

ASA-5E-1



DATE: 12/31/2019
TACH:206.6
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

ENGINE
MAKE:LYcoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:2061.6

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8789

Description of work performed: Performed 100 hour inspection on ENGINE. Removed, cleaned, papped, tested and reinstalled spark plugs. Performed compression differential check. #1-69, #2-70, #3-72, #4-73/#80. Cleaned fuel strainer. Cleaned engine. Performed ground operational check.

I certify the work performed to be in an Airworthy condition and return to service.

Date: 11/06/2019

Signed: Bradley Bishop API/A 3830563



DATE: 12/31/2019
TACH:206.6
PROPELLER
MAKE:McCauley
MODEL:
SN:
TSHO:2458.9

ENGINE
MAKE:LYcoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:2061.6

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8789

Description of work performed: Performed 100 hour inspection on PROP

I certify the work performed to be in an Airworthy condition and return to service.

Date: 12/31/2019

Signed: Bradley Bishop API/A 3830563



DATE: 02/18/2020
TACH:232.7
ACTT:2485.2
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

AIRFRAME
MAKE: Cossna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:LYcoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:2087.9

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8789

Description of work performed: Drained oil and removed filter. No particles found in cut filter. Installed a new CH48103-1 and serviced with 6 qts of Aeroshell 100plus and LW-16702 additive. Performed ground operational check.

I certify the work performed to be in an Airworthy condition and return to service.

Date: 02/20/2020

Signed: Bradley Bishop API/A 3830563



DATE: 04/25/2020
TACH:271.4
ACTT:2923.9
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

AIRFRAME
MAKE: Cossna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:LYcoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:2126.2

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8789

Description of work performed: Drained oil and removed filter. No particles found in cut filter. Installed a new CH48103-1 and serviced with 6 qts of Aeroshell 100plus and LW-16702 additive. Performed ground operational check.

I certify the work performed to be in an Airworthy condition and return to service.

Date: 04/25/2020

Signed: Bradley Bishop API/A 3830563



DATE: 07/15/2020
TACH:301.3
ACTT:2553.8
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

AIRFRAME
MAKE: Cossna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:LYcoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:2156.3

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8789

Description of work performed: Performed a 100 hour inspection. Drained oil and removed filter. No particles found in cut filter. Installed a new CH48103-1 and serviced with 6 qts of Aeroshell 100plus and LW-16702 additive. Performed cylinder compression test. #1-74, #2-77, #3-71, #4-76/#80. Cleaned, papped and inspected plugs. Performed ground operational check.

I certify the work performed to be in an Airworthy condition and return to service.

Date: 07/15/2020

Signed: Bradley Bishop API/A 3830563



DATE: 02/22/2021
TACH:333.5
ACTT:2586.0
PROPELLER
MAKE:
MODEL:
SN:
TSHO:

AIRFRAME
MAKE: Cossna
MODEL: 172N
SN:17269088
REG:N734SY

ENGINE
MAKE:LYcoming
MODEL: O-320-H2AD
SN:L-4597-76
TSOH:2188.5

McLaren Corporation, W-24
4332 Richmond Highway, Lynchburg, VA 24501
434-845-8789

Description of work performed: Drained oil and removed filter. No particles found in cut filter. Installed a new CH48103-1 and serviced with 6 qts of Phillips Victory and performed ground operational check.

I certify the work performed to be in an Airworthy condition and return to service.

Date: 02/22/2021

Signed: Bradley Bishop API/A 3830563

Bradley Bishop API/A 3830563

DATE	RECORDING TACH TIME	TODAY'S 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.)
12-6-10				No oil change Due 1464.00
	1434.0			2-80/71 3-80/74 4-80/72 5-80/76 6-80/77
				CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH SCOPE AND DETAIL OF APPENDIX D PARAGRAPH 43 ANNUAL 100HR AND WAS FOUND TO BE IN AIRWORTHY CONDITION.
				DATE 12-6-20 NAME: Rucker A. Tibbs
				Certificate No. 20602101AP Total Time
				Mobbs 8 Tach. Time 1434.0

DATE	RECORDING TACH TIME	TODAY'S 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.)
9-14-12	1444.2	TSO4/969.9		Drained oil - Add 8 qts AeroShell 100w plus 1/4 way into 80-94 oil filter - inspected 100hr 25-80-80 plugs - installed sky- Tach starter inspected 100hr 25-80-80 plugs - installed sky- Compass 74 4-74 Above work done by Aircraft owner and was inspected - James T Tench AP200318L
10-1-13	1452.90			AP 1-80/70 2-80/71 3-80/74 4-80/73 5-80/76 6-80/77
				CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH SCOPE AND DETAIL OF APPENDIX D PART 43 AND WAS FOUND TO BE IN A CONDITION FOR SAFE OPERATION 100HR - ANNUAL
				DATE: 10-1-13 NAME: RUCKER A. TIBBS
				CERTIFICATE NO. 20602101AP TOTAL HRS. 1452.90

DATE	RECORDING TACH TIME	TODAY'S 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.)
2007				
7-2-07	1392.20			<p>COMP 1-80/72 -2-80/60 -3-80/74 -4-80/78 -5-80/ -6-80/</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 7-2-07 IN ACCORDANCE WITH SCOPE AND DETAIL OF APPENDIX D PART 43 AND WAS FOUND TO BE IN A CONDITION FOR SAFE OPERATION.</p> <p>Change oil - 100 hrs + Annual</p> <p>DATE: 7-2-07 NAME: Rucker A. Tibbs CERTIFICATE NO. 20602101AP TOTAL HRS. 1392.20</p> <p>see W/S 159</p>
1-5-09	1397.50			<p>COMP 1-80/76 -2-80/67 -3-80/73 -4-80/79 -5-80/81 -6-80/85</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ON 1-5-09 IN ACCORDANCE WITH SCOPE AND DETAIL OF APPENDIX D PART 43 AND WAS FOUND TO BE IN A CONDITION FOR SAFE OPERATION.</p> <p>DATE: 1-5-09 NAME: Rucker A. Tibbs CERTIFICATE NO. 20602101AP TOTAL HRS. 1397.50</p> <p>AUG 28-2008 New BATTERY</p>

DATE	RECORDING TACH TIME	TODAY'S 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.)
11-01-09	1414.0			<p>100hr inspection c/w this date 11-01-09</p> <p>changed oil and replaced oil filter Add 8qts Phillips 20W-50 - removed exhaust system and replaced all exhaust gaskets - installed new inlet air filter - cleaned and gaped spark plugs - compression #1 72/80 #2 72/80 #3 64/80 #4 72/80</p> <p>James T Tender AP 2003782</p>

DATE 19__	RECORDING TACH TIME	TODAY'S 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.)
2006				
2/28/06	1340	TSOH	1865.7	DRAINED ENG OIL & REMOVED OLD OIL FILTER.
				INSTALLED NEW OIL FILTER CH 48103-1 AND SERVICED ENG WITH 6 QTS OF AEROSHELL 15W-50 AND OIL ADDITIVE LW-16702. RAN ENG AND OPS CK'ED OK.
				LEONARD G. HOOSIER Leonard G. Hoosier AIP 1781626

DATE 19__	RECORDING TACH TIME	TODAY'S 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.)
2006				
				<p>ENG: Lycoming MODEL: 0-320-H2AD S/N: L-4597-76</p> <p>Checked fuel filter, cleaned spark plugs and rotated, inspected all hoses, elec. Connections and all clamps. Inspected accessories and engine mounts. Compressions as follows #1 80/76 #2 80/75 #3 80/76 #4 80/77. Installed a new air filter, and new plastic brackets on fresh air intakes on leading edge of wings. C/W recurring AD's 80-04-03R2</p> <p>This engine has been inspected in accordance with an ANNUAL inspection and has been determined to be in an airworthy condition at this time. For AD compliance see attached AD listing. All current AD's complied with.</p> <p style="text-align: right;">Leonard G. Hoosier <i>Leonard G. Hoosier</i> AI# 1781626</p>

DATE TO 2005	RECORDING TACH TIME	TODAY'S 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.)
6-9-5	1260.0			<p>ENG: Lycoming MODEL: 0-320-H2AD S/N: L-4597-76</p> <p>TACH 1260.0 TSOH 1785.7 Date: 6-9-2005</p> <p>Checked fuel filter, cleaned spark plugs and rotated, inspected all hoses, elec. Connections and all clamps. Inspected accessories and engine mounts. Changed oil and oil filter, serviced with 6 qts of aero shell 15W50 and oil additive P/N 16702. Installed CH48103-1 oil filter. Compressions as follows #1 80/75 #2 80/75 #3 80/78 #4 80/70. C/W recurring AD's 80-04-03R2 This engine has been inspected in accordance with an ANNUAL inspection and has been determined to be in an airworthy condition at this time. For AD compliance see attached AD listing. All current AD's complied with.</p> <p style="text-align: right;">Leonard G. Hogsier <i>Leonard G. Hogsier</i> AI# <u>1781626</u></p>

DATE TO 2005	RECORDING TACH TIME	TODAY'S 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.)
9/27	1305	750H	1830.7	<p>CLEANED PLUGS AND REINSTALLED ALSO CHANGED OIL & FILTER AEROSHELL 15W50 6 QTS AND ADDED ENGINE OIL ADDITIVE LW-16702 AND OIL FILTER CH 48103-1. OPS GR'D OK</p> <p style="text-align: right;">LEONARD G. HOGSIER <i>Leonard G. Hogsier</i> AI# 1781626</p>

DATE	RECORDING TACH TIME	TODAY'S 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.)
20 Jun 04	1134.3			<p>CLEAN, GAP AND TEST PLUGS, NEW OIL FILTER, REPLACE AIR FILTER, COMPRESSION TEST ENGINE #1 68/80 #2 77/80 #3 72/80 #4 76/80, REMOVE ALL 4CYL REPLACE EX VALVES AND GUIDES AND INSPECTED, CLEAN AND SEAT VALVES (KLINE AVIATION) ON ALL 4CYL, REPLACE CYLINDERS IN ACCORDANCE WITH LYCOMING OVERHAUL MANUAL DYE PEN CRANKSHAFT, 6QTS OIL/AERO SHELL 15W50 AD80-04-63R2</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR, INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION</p> <p>DATE: 20 JUN 04 TACH: 1134.3 TIME SMOH: 1660.0 TOTAL TIME ENGINE: 1660.0</p> <p><i>[Signature]</i> 378555180 ^{ADP}</p>

DATE	RECORDING TACH TIME	TODAY'S 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.)
10/5/04	1186	SMOH	1660 1712	<p>Changed Oil & filter, Inspected Oil filter for metal. Serviced engine w/ AS 15W50 4w AD80-04-03R2 Engine ground run + leak checked good</p> <p><i>[Signature]</i> AP 408990717</p>
02-26-05	1227		1753	<p>CHANGED OIL AND FILTER (CH48103-1) AND SERVICED WITH 6 QTS AEROSHELL 15W-50. INSTALL (8) NEW CHAMPIGN RHM38E SPARK PLUGS. INSTALLED NEW ALTERNATOR BELT. INSTALLED NEW VALVE COVER GASKET ON #3 CYLINDER.</p> <p><i>[Signature]</i> AEP 377868087</p>

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAY'S 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.)
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4 AUG 99
0734.7
CLEAN GAP AND TEST PLUGS, NEW OIL FILTER, REPLACE AIR FILTER, SERVICE ENG WITH OIL. C/W AD 80-04-03 added LW16702 and 6Qts aeroshell 15W50, COMPRESSION TEST ENGINE #1_77/80_#2_75/80_#3_77/80_#4_77/80. C/W AD 98-02-08 crankshaft bore fluorescent penetrant inspected in accordance with service bulletin 505B, next inspection due 100hr
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR, INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION
DATE: 4 AUG 99
TACH: 0734.7 TIME SMOH: 1260.4
TOTAL TIME ENGINE: 1260.4

[Signature] ADIA 37858580

27 APR 01
850.3
CLEAN, GAP AND TEST PLUGS, NEW OIL FILTER, REPLACE AIR-FILTER, COMPRESSION TEST ENGINE #1_72/80_#2_77/80_#3_72/80_#4_76/80_ MAGS REBUILD KLINE AVIATION, NEW IGNITION HARNESS, DYE PEN CRANKSHAFT, 6QTS OIL WITH ADDITIVE.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR, INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION
DATE: 27 APR 01
TACH: 0850.3 TIME SMOH: 1376.0
TOTAL TIME ENGINE: 1376.0

[Signature] ADIA 37858580

DATE	RECORDING TACH TIME	TODAY'S 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.)
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28 JUL 02
1002.9
CLEAN, GAP AND TEST PLUGS, NEW OIL FILTER, REPLACE AIR FILTER, COMPRESSION TEST ENGINE #1_72/80_#2_77/80_#3_72/80_#4_76/80_, DYE PEN CRANKSHAFT, 6QTS OIL WITH ADDITIVE.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR, INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION
DATE: 05 JUL 02
TACH: 1002.9 TIME SMOH: 1528.6
TOTAL TIME ENGINE: 1528.6

N731SY
[Signature] ADIA 37858580

28 AUG 03
1092.2
CLEAN, GAP AND TEST PLUGS, CLEAN OIL SCREENS, FILL WITH ^{w/ADDITIVE} aero shell 15/50 REPLACE AIR FILTER, COMPRESSION TEST ENGINE #1_74/80_#2_74/80_#3_75/80_#4_75/80, dye pen crankshaft check ok. TEST RUN ENGINE
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR, INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION
DATE: 28 AUG 03
TACH: 1092.2 TIME SMOH: 1617.9
TOTAL TIME ENGINE: 1617.9

[Signature] ADIA 37858580

Engine Record General Information

Manufacturer Lycoming Model O-320-H2AD

Serial L-4597-76 Type Certificate _____

This engine is currently installed in aircraft N734SY

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

G-25
BATTERY

Book
#2

AVCO LYCOMING

ENGINE LOG

 **AVCO** LYCOMING DIVISION

WILLIAMSPORT, PENNSYLVANIA 17701

SSP1872

DATE _____

Service Bulletins, Letters,
Instructions & A D Notes

DATE 7/10/97 TACH. 603.4 T.T. #29 1129 COMPRESSION & TIMING

CERTIFY THAT THIS ENGINE CHECK OK. CHANGE

HAS BEEN INSPECTED IN ACCORDANCE WITH OIL & FILTER. 6 QTS

AN ANNUAL INSPECTION AND WAS PERO SHELL 15W50

DETERMINED TO BE IN AN AIRWORTHY CONDITION. OIL. ADD LW16702

FRANK VOSHALL I.A. 221246026 TO C/MAAD 80-04-03,

Frank Voshall

RUN-UP CHECKS OK.
AD 96-09-10 DNA

DATE 7/8/98
TACH 627.8

Service Bulletins, Letters,
Instructions & A D Notes

DATE 7/9/98 TACH. 627.8 T.T. #34 1153.8 COMPRESSION & TIMING.

I CERTIFY THAT THIS ENGINE CHECK OK. CHANGE

HAS BEEN INSPECTED IN ACCORDANCE WITH OIL & FILTER. 6 QTS

AN ANNUAL INSPECTION AND WAS PEROSHELL 15W50 OIL

DETERMINED TO BE IN AN AIRWORTHY CONDITION. & LW16702 TO C/MAAD

FRANK VOSHALL I.A. 221246026 AD 80-04-03, RUN

Frank Voshall

UP CHECKS OK.
AD 97-15-11 PISTON

SEE LOG #2

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7/19/96			TACH 573.0 INSTALL O.H. RARCO 211CC AIR PUMP. INSTALL FIREWALL FWD FLEX HOSE KIT. SEE FOLLOWING PAGE FOR RETURN TO SERVICE TAG ON PUMP & CONFORMABILITY SPEC. SHEET FOR HOSES. RUN-UP CHECKS OK. <i>F. Bell</i> IN 221246026		

Page Total	
Brought Forward	
Total to Date	

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER												
	Hrs.	Min.															
06-11-93																	
TT 410.7			I certify that this 15 /Eng. has been inspected in accordance with <u>ANNUAL</u> inspection & has been found airworthy.														
TSMOH 931.7			Sig. <u>Carl J. Nelson</u>														
935.4			Cert. # <u>ATP 1912463-7A</u>														
DIFFERENTIAL COMPRESSION CHECK																	
<table border="1" style="width: 100%; text-align: center;"> <tr> <td>#1</td> <td>#2</td> <td>#3</td> <td>#4</td> <td>#5</td> <td>#6</td> </tr> <tr> <td>78</td> <td>76</td> <td>75</td> <td>76</td> <td>77</td> <td>77</td> </tr> </table>						#1	#2	#3	#4	#5	#6	78	76	75	76	77	77
#1	#2	#3	#4	#5	#6												
78	76	75	76	77	77												
06-11-93			CHANGED OIL - FILTER CH48103 69TS 75-40 AREOSHELL														
410.07			Page Total <u>Test Run OK</u>	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. <u>Holler O. Beaman ATP</u> 06-11-93 367662340													
			Brought Forward														
			Total to Date														

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER												
	Hrs.	Min.															
06-11-94																	
TT 475.4			I certify that this 15 /Eng. has been inspected in accordance with a <u>NEW</u> inspection & has been found airworthy.														
TSMOH ^{NEW} 1001.4			Sig. <u>Carl J. Nelson</u>														
1001.4			Cert. # <u>ATP 1912463-7A</u>														
DIFFERENTIAL COMPRESSION CHECK																	
<table border="1" style="width: 100%; text-align: center;"> <tr> <td>#1</td> <td>#2</td> <td>#3</td> <td>#4</td> <td>#5</td> <td>#6</td> </tr> <tr> <td>77</td> <td>71</td> <td>78</td> <td>80</td> <td>77</td> <td>77</td> </tr> </table>						#1	#2	#3	#4	#5	#6	77	71	78	80	77	77
#1	#2	#3	#4	#5	#6												
77	71	78	80	77	77												
06-11-94			Change Oil ADDED Mobil 2-20w50 OIL, Filter CH48103, Lycoming Additive														
TT-475.04			LU116702, Induction Air - BA-6108, Just New CARBURATOR EK-11290														
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. <u>Holler O. Beaman ATP</u> 367662340													
			Brought Forward														
			Total to Date 6-11-94														

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
05-27-92					
TT 3510			<p>I certify that this <u>AE/Eng.</u> has been inspected in accordance with a <u>APPROVE</u> inspection & has been found <u>airworthy</u>.</p> <p>Sig. <u>Carl J. Kuhn</u></p> <p>Cert. # <u>AP 1912463-2A</u></p>		
Total 27					
875	7				
DIFFERENTIAL COMPRESSION CHECK					
	#1	#2	#3	#4	#5
	80	80	80	80	80
	67	65	70	67	67
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
07-7-92			<p>Removed Alternator Assy. Bad Bearing in case, replaced Alternator with Serial # 2460, Model # D OFF 103003 FORD Type.</p> <p>Also installed 4 - Exhaust gaskets SC 77611 Blowproof Type replaced HARDWARE with gasket Installation.</p>		
TT-3655					
				Rolland J Bergewald 07-7-92 ACP 367662366	
TT 3967.0			Installed new Prestolite Starter Model M24222		
1-27-93			Ser# 2913, Rolland J Bergewald ACP 367662366 See Approve Tag		1-27-93
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER																		
	Hrs.	Min.																					
05-10-91			DIFFERENTIAL COMPRESSION CHECK <table border="1"> <tr> <td>#1</td> <td>#2</td> <td>#3</td> <td>#4</td> <td>#5</td> <td>#6</td> </tr> <tr> <td>80</td> <td>80</td> <td>60</td> <td>60</td> <td>80</td> <td>80</td> </tr> <tr> <td>72</td> <td>70</td> <td>74</td> <td>70</td> <td></td> <td></td> </tr> </table>	#1	#2	#3	#4	#5	#6	80	80	60	60	80	80	72	70	74	70				
#1	#2	#3		#4	#5	#6																	
80	80	60		60	80	80																	
72	70	74	70																				
TT 296.1																							
TOTAL 820.8																							
			I certify that this Eng. Eng. has been inspected in accordance with a <u>ANNUAL</u> inspection & has been found airworthy. Sig. <u>Carl Dehnen</u> Cert. # <u>ATP 19124631A</u>																				

Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
Brought Forward	
Total to Date	

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
11-5-91			CHANGED OIL & FILTER, STOPPED OIL LEAK IN VALVE COVER AND RETURN TUBE. LOGS 15W50 ARCO		
TT 332.7					
ENG 857	4		1-pint Textron LW-16702 Additive	Kollm & J Bergeron Ad	367662866
			. . .		

Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
Brought Forward	
Total to Date	

ENGINE LOG SERIAL No. _____

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			

10-19-88
 TACH TIME 106.2 ENG TOTAL TIME SINCE NEW 630.90
 Changed oil and oil filter added 6 QTS of Aeroshell
 15W-50. C.W. A.D. 80-04-03R2 PAR B. Cleaned and gapped
 spark plugs. Serviced fuel system. Checked timing.
 Denicked and painted prop. Reassembled prop with
 A.D. listing attached to rear of logbook.

I CERTIFY THIS ENGINE COMP ① 75/80 ② 75/80 ③ 78/80 ④ 76/80
 HAS BEEN INSPECTED IN ACCORDANCE WITH

A ANNUAL INSPECTION AND FOUND AIRWORTHY
 DATE 10-19-88 TACH TIME 106.2

Page Total 656
 Brought Forward 464
 CENTRAL AVIATION INC. W.O.# 464
 Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			

10-24-89
 CHANGE OIL & FILTER ADDED AEROSHELL 15W50
 ENG. TT 740.2 C/W AD 80-04-03R2 BY ADDING 4YR. PIN LW16702
 TACH TIME 315.5 NEXT AT 265.5 TACH TIME. CLEAN & REGAP SPARK PLUGS
 CHECK ENG. CONTROLS. CUT OPEN OIL FILTER & CHECK FOR METAL
 CONTAMINATION NONE FOUND. WASH DOWN BUG. & OPS CHECK
 FOR POWER OUTPUT MAGS, FUEL & OIL TEMP, OIL PRESS. & OIL LEAKS.

CYL.	1	2	3	4	5	6	7	8	9
HOLD	25	25	28	25					
IN	80	80	80	80	80	80	80	80	80

I certify that this ENG has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition. Pertinent details of the repair are on file at this agency under Work Order No. 2747
 Date 10-24-89 Hours 740.2

Page Total
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 Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
 For Superior Aviation Inc.
 Ford Airport
 Iron Mountain, MI
 Repair Station # 6085
 Roger L. Jouney
 CAT# 4371

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
51 6-19-81	7.1	T	920.3 hours Changed oil & oil filter. Refilled with 7qt Amsoil 100w and 1/2 can LW16702 additive. Checked filter for metal none found. Washed down engine J E Beck A#2046806		

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

922. at M.H.
7-12-82 annual.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
Sept 6, 1985			TT This date — 1/2 can Compressor Ch #1 76/80 #2 74/80 #3 75/80 #4 74/80 installed Amsoil 40w, cleaned spark plugs, installed new radio noise filter on alternator, cleaned & saturated gas analyzer, checked all engine controls for app & Riq. Replaced carb Air Filter Sept 6, 1985 I certify that this engine has been inspected & passed an annual inspection & found to be in compliance with the code M. J. Ford LA 1498485		

Page Total

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Total to Date

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ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			

12-3-80 TACK Time = 860.1 Hrs T.T. Engine 462.8 hours
 I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. A differential compression ck shows Cyl #1 80% #2 78% #3 80% #4 80%
 Changed oil & oil filter. Refilled with Acrosnell 65W and 1 can LW 16702 additive. Inspected oil filter per AD 80-4-3. See rear of A/C log for complete AD list thru 80-22. Installed 8 New RHM-38-E spark plugs. Checked Mag timing. Checked

		Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
		Brought Forward	
		Total to Date	

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			

starter brushes. Removed heat muff + checked muffler. Cleaned fuel screen. Engine washed down and leak check. All systems operated normal on run up.
 E Lock
 ATP 2046806.

		Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
		Brought Forward	
		Total to Date	

ENGINE LOG SERIAL No. _____

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7-9-80	6	00	shows oil #1 89/80 #2 79/80 #3 16/80 #4 89/80. Cleaned fuel screens. Removed nicks from prop. repainted. Adjust Section to 5.0. Checked all controls & lubed. Added one can of Lycoming LW16702 additive to oil. Operational preflight performed. All systems normal.		
				J.E. Rock	
				AIP2046806 J.A.	

Page Total

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Total to Date

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
9-30-80			T.T. 800.8 Hrs Changed Oil & Oil Filter, added one can of LW16702 additive. Repaired carb heat arml, Repaired was was on alternator.		
				J.E. Rock	
				AIP2046806	

Page Total

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Total to Date

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ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
80					
7-9-80			TACK TIME 750.8 HOURS TOTAL TIME ENGINE 353.5 HOURS		
			I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Changed oil & oil filter. Complied with AD 80-4-3 by installing new Lifters & Valve Spring Seats. Complied with AD 79-18-6 & 78-18-4 PARA E By sending mag to Bendix for Compliance with SR 1005. See attached Maint. Release. Complied with AD 79-10-3 By retorquing engine mount Bolts. Complied with AD 79-8-7 By inspection & repulid coupling. Retimed mag to engine & installed cover sealing. Whit & decal on cover. A differential compression ck		

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5-25-79	TACK	Time 630.0 Hours T.T. Engine 232.7 Hours	<p>I certify that this engine has been inspected in accordance with the 100 hour inspection and was determined to be in airworthy condition. A differential compression ck. Shows Cyl #1 78/80 #2 76/80 #3 79/80 #4 179/80. Checked mag timing. Cleaned, gapped & tested spark plugs. Changed oil & oil filter. Replaced 2 exhaust gasket gaskets #2 & 4. Tightened alternator belt. Checked starter and all wiring and controls. Checked AD's thru 79-9 for compliance. See rear of A/C log for details. Cleaned fuel & air filters. Washed down engine.</p>		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number, MUST be Shown. AP 2046806		
Brought Forward					
Total to Date					

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5/25/79	TACK	Time = 630 hrs	<p>Annual</p> <p style="text-align: right; font-size: 2em;">630 hrs</p>		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

Ray W. Newell ✓
 ADP #1242842-1A
 5/25/79

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6/30/78			Installed New ENGINE for S/C 5/8 78-21 BLUES STRAITS. ALSO PERFORMED A 100th Insp.		
			TOTAL TIME on A/C 397.3		
			R.J. Jay Follow FA1709151		
			N.U. 50566	F. A. A. CERTIFIED REPAIR STATION NO. 1522	

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Total to Date	

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			200 HOURS Change Oil, Checked Engine Temp Washed down engine, changed oil 100th Insp. (A+P2)		
8-8-78			TACK Reads 459.3 Hours TTS New 62 HRS Changed oil, Replaced oil filter, cut open & inspected old filter, No Metal found. Washed down engine. Refilled with Aeroshell 100W oil	J. E. Rock	
				A+P2046806	

Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
Brought Forward	
Total to Date	

NEW ENGINE CERTIFICATE

This is to certify that the engine as described hereafter has been run-in and tested as prescribed by AVCO Lycoming Specifications and Federal Aviation Agency Regulations. No further run-in after installation is required.

Model O-320-H2AD Serial No. L-4597-76
Manufactured as new on June 16 1978
Authorized representative [Signature]
AVCO Lycoming Factory Service Department

AVCO LYCOMING WILLIAMSPORT DIVISION
AVCO CORPORATION
WILLIAMSPORT, PENNSYLVANIA 17701

Form No. 777-A

ENGINE DESCRIPTION

Mfgr.	<u>AVCO LYCOMING DIVISION</u>	Place	<u>WILLIAMSPORT, PA. 17701</u>	Date	
Type		Model		Serial No.	
Rated H.P.		Max. H.P.		Weight (Dry)	
Rated R.P.M.		Max. R.P.M.		Oil Pressure	
Bore		Stroke		Displacement	Cu. In.
Compression Ratio		Supercharger Ratio			
Reduction Gear Ratio					
Propeller		Hub Design		Hub Serial No.	
Blade Design		Blade Serial No.		Blade Serial No.	
Max. Hub H.P.		Max. Blade H.P.			
Pitch		Diameter		Length	
Name					
Address					

N7348Y

AVCO LYCOMING DIVISION
WILLIAMSPORT, PA. 17701

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF Avco Lycoming O-320-H2AD L-4597-76
MAKE MODEL SERIAL

FROM _____ 19__ TO _____ 19__

DETAILING TIME FROM _____ TO _____
HOURS HOURS