



The Standard

ENGINE LOG

ASA-82-2

The subject aircraft was involved in an incident / accident on 12/7/2025 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 8454682519US.

Signed: ***Underwriters Salvage Company***

Date: **3/10/2026**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100
Atlanta, GA 30326

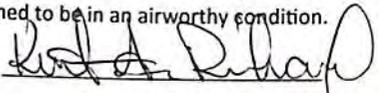
October 22, 2025 N6542H Tach: 2514.2 TTE: UNK SMOH: 1845.8

Inspected engine IAW 100 hr. inspection as per manufacturers manual & FAR 43 Appendix D Changed oil & installed new AA448110-2 oil filter, cut old oil filter no contaminants or metal found, refilled with 6 quarts AeroShell W100 plus. Removed, cleaned, tested and reinstalled sparkplugs. Checked hoses & lines for torque & valve covers, checked muffler for cracks. Compression check as follows # 1. 80/80 2. 80/80 3. 76/80 4. 78/80. Verified AD compliance through. 24-21-02 Performed ground test run all systems normal. I certify that this engine has been inspected IAW a 100-hr. inspection and was determined to be in an airworthy condition.

Kent A. Richard

Certificate: AP3053498

Signed:



10/22/2025	N6542H Tach: 2569.5	Hobs: 243.2	SMOH: 1,901.1	AFIT: 12,355.5	Performed 50hr service per Lycoming O-320 operator's manual and FAR part 43 app. Drained eng oil, removed cut open and examined oil filter. (No metal or contaminants found at this time) removed, cleaned, gapped and rotated spark plugs. Installed new Tempest oil filter AA 48110-2 and serviced w/ 6 qts AeroShell W100 plus oil. <i>T. Richard AP3062509</i>
------------	------------------------	----------------	------------------	-------------------	--

YEAR 20 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.)

7 May 2025 N6542H Tach: 2257 Hobbs: 12011.7 AFTT: 1557.3 SMOH: 282.7
 1/2 P/W 4371 1/2 19120776 and 1/2 P/W 4370 S/W 4110209 Jar 500hr insp and installed Zea (serviceable) magnetos 1/2 P/W 4371 S/W 4110269 and 1/2 P/W 4370 S/W 93040007 both with TSD: 0. Timed both magnetos to 250 BTC. Grnd run mag ck good *[Signature]* AP3062309

6 Jun 2025 N6542H Tach: 22872 Hobbs: 358.2 AFTT: 12068.2 SMOH: 163.8
 Performed 50hr service per Lycoming O-320 operator's manual and FAR part 43 app D. Drained eng oil, removed, cut open and examined oil filter. No metal or contaminants found at this time. Removed, cleaned, gapped and rotated spark plugs. Installed new Tempest oil filter P/N AA48110-2 and serviced w/ 8qts AeroShell W100 plus eng oil *[Signature]* AP3062309

4 July 2025 N6542H Hobbs: 416.5 Tach: 2324.9 AFTT: 12,110.9 SMOH: 1656.5
 C/W Annual insp of this engine. Compression check readings as follows #1 74/80 #2 76/80 #3 75/80 #4 74/80. Cleaned and tested all spark plugs. Checked and adjusted Mag timing as needed. Mags are 99.2 hrs since O/H. Magneto AD 2022-16-03 (Roller bearing lube) is NA by DOM and S/N. Changed oil (8qts AeroShell W100 Plus) & new filter, cut open and examined old filter and found no contaminants. Inspected intake and exhaust systems and cleaned & inspected fuel strainer. Performed Grnd run, leak check. Engine operates properly no leaks at this time. Verified AD compliance through 29Mar2025 connecting rod bearing AD is N/A. I certify that this engine has been inspected I/A/W an Annual insp and was determined to be in Airworthy condition at this time.

[Signature]
 AP/IA3062509

YEAR 20 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 July 2025 N6542H Tach: 2324.9 Hobbs: 416.5 AFTT: 12,110.9 SMOH: 1705.9
 Entered in Error *[Signature]* AP3062509

12 Aug 2025 N6542H Tach: 23773 Hobbs: 483.3 AFTT: 12,160.3 SMOH: 1705.9
 Performed 50hr service per Lycoming O-320 operator's manual and FAR-43 app D. Drained eng oil, removed, cut open and examined oil filter. No metal or contaminants found at this time. Removed, cleaned, gapped and rotated spark plugs. Installed new Tempest oil filter P/N AA48110-2 and serviced w/ 8qts W100 AeroShell plus oil *[Signature]* AP3062509

Acadiana Aircraft Interiors 299 Hangar Road ~ Opelousas, LA 70570 ~ 337-277-3953

September 10, 2025 N6542H Tach: 2420.9 TTE: UNK SMOH: 1752.5
 Inspected engine IAW 100 hr. inspection as per manufacturers manual & FAR 43 Appendix D Changed oil & installed new AA48110-2 oil filter, cut old oil filter no contaminants or metal found, refilled with 6 quarts AeroShell W100 plus. Installed new spark plugs UREM40E and REM40E. Checked hoses & lines for torque & valve covers, checked muffler for cracks. Compression check as follows # 1. 72/80 2. 80/80 3. 80/80 4. 80/80. Verified AD compliance through 24-21-02 Performed ground test run all systems normal. I certify that this engine has been inspected IAW a 100-hr. inspection and was determined to be in an airworthy condition.

Kent A. Richard Certificate: AP3053498 Signed: *[Signature]*

24 Sept 25 N6542H Tach: 24644 Hobbs: 607.8 AFTT: 12,250.4 SMOH: 1796.0
 Performed 50hr service per Lycoming O-320 operator's manual and FAR 43 app D. Drained oil, removed, cut open and examined oil filter, no metal or contaminants found at this time removed, cleaned, gapped and rotated spark plugs. Installed Tempest oil filter AA48110-2 and serviced w/ 8qts W100 AeroShell plus oil *[Signature]* AP3062509

INS
of
ES.)

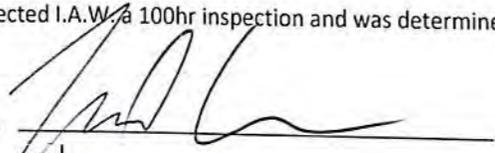
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------------	---------------------------	-------------------	-----------------------------	---

Cessna 172M N6542H S/N: 17265482
Lycoming O-320-E2D S/N: L-27138-27A
01/19/25 Hobbs: 23.1 Tach: 2029.4 SMOH: 1361.0

Engine 100hr Inspection performed I.A.W. Lycoming Maintenance Manual, and FAR 43 Appendix D. Drained oil and serviced with 8qts AeroShell 100 Plus. Installed new Tempest Oil Filter P/N: 48110-2. Cut filter and inspected filter element, no metal or debris observed. C/W AD 24-21-02. Drained gascolator and carburetor and inspected fuel screens. Cleaned, inspected, gapped, and rotated spark plugs. Checked and adjusted timing. Tested all ignition leads. Checked compressions: #1 76/80 #2 79/80 #3 80/80 #4 76/80. Verified AD compliance through 24-21-02.

I certify that this engine has been inspected I.A.W. a 100hr inspection and was determined to be in airworthy condition.

Michael Ardoin **AP 4112423 IA**



19Feb25	Tach: 2090.0	Hobbs: 104.2	SMOH: 1421.6	Preformed 50hr service per Lycoming O-320 ^{operator's} service manual and FAR 43 app D. Drained eng oil, removed, cut open and examined oil filter (no metal or contaminants found at this time). Removed, cleaned, gapped and rotated spark plugs. Installed new tempest oil filter P/N AA48110-2 and serviced w/ 8qts Aeroshell W100 Plus oil. <i>Michael Ardoin AP 3062509</i>
---------	--------------	--------------	--------------	---

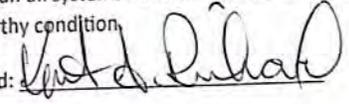
Acadiana Aircraft Interiors 299 Hangar Road ~ Opelousas, LA 70570 ~ 337-277-3953

March 11, 2025 N6542H Tach: 2129.2 TTE: UNK SMOH: 1460.8

Inspected engine IAW 100 hr. inspection as per manufacturers manual & FAR 43 Appendix D Changed oil & installed new AA448110-2 oil filter, cut old oil filter no contaminants or metal found, refilled with 6 quarts AeroShell W100 plus. Cleaned and tested spark plugs checked hoses & lines for torque & valve covers, checked muffler for cracks. Compression check as follows # 1. 78/80 2. 78/80 3. 72/80 4. 76/80. Verified AD compliance through.24-21-02 Preformed ground test run all systems normal. I certify that this engine has been inspected IAW a 100-hr. inspection and was determined to be in an airworthy condition.

Kent A. Richard

Certificate: AP3053498

Signed: 

11Apr25	N6542H	Tach: 2129.2	Hobbs: 20.9	SMOH: 1510.8	performed 50hr service per Lycoming O-320 operator's manual and FAR 43 App D. Drained eng oil, removed, cut open and examined oil filter (No metal or contaminants found at this time). Removed, cleaned, gapped and rotated spark plugs. Installed new Tempest oil filter P/N AA48110-2 and serviced w/ 8qts Aeroshell W100 Plus oil. <i>Michael Ardoin AP 3062509</i>
---------	--------	--------------	-------------	--------------	---

7 May 2025 N6542H Hobbs: 282.7 Tach: 2225.7 AFTT: 12011.7 SMOH: 1557.3 C/W 100HR of this engine. Compression check readings as follows #1 74/80 #2 76/80 #3 75/80 #4 74/80. Cleaned and tested all spark plugs. Checked and adjusted Mag timing as needed, Mags are 0.0 hrs since O/H. Magneto AD 2022-16-03(Roller bearing lube) is NA by DOM and S/N. Changed oil (8qts AeroShell W100 Plus) & new filter, cut open and examined old filter and found no contaminants. Inspected intake and exhaust systems and cleaned & inspected fuel strainer. Performed Grnd run, leak check. Engine operates properly no leaks at this time. Verified AD compliance through 29Mar2025 connecting rod bearing AD is N/A. I certify that this engine has been inspected I/A/W an Annual Insp and was determined to be in Airworthy condition at this time.

 AP 3062509

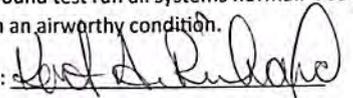
Acadiana Aircraft Interiors 299 Hangar Road ~ Opelousas, LA 70570 ~ 337-277-3953

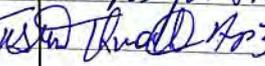
October 10, 2024 N6542H Tach: 1839.2 TTE: UNK SMOH: 1170.8

Inspected engine IAW 100 hr. inspection as per manufacturers manual & FAR 43 Appendix D Changed oil & installed new AA448110-2 oil filter, cut old oil filter no contaminants or metal found, refilled with 6 quarts AeroShell 100W plus. Cleaned and tested spark plugs checked hoses & lines for torque & valve covers, checked muffler for cracks. Compression check as follows # 1. 70/80 2. 78/80 3. 72/80 4. 76/80 . Installed serviceable Alcor EGT probe P/N 86255. Installed new carb air box P/N APS055213-13 and new air box seal assembly P/N DP0552130-11 Verified AD compliance through. 17-16-11 Performed ground test run all systems normal. I certify that this engine has been inspected IAW a 100-hr. inspection and was determined to be in an airworthy condition.

Kent A. Richard

Certificate: AP3053498

Signed: 

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
30 Oct 24	N6542H Tach: 1839.2	Hobbs: 11,932.6	SMOH: 1217.0	Performed 50hr service per Lycoming O-320 operator's manual and FAR 43 app D. Drained oil, removed and examined oil filter. No metal or contaminants found at this time. Cleaned, gapped and rotated spark plugs. Installed new tempest oil filter P/N AA448110-2 and serviced w/ 8qts AeroShell W100 oil.  AP3062509

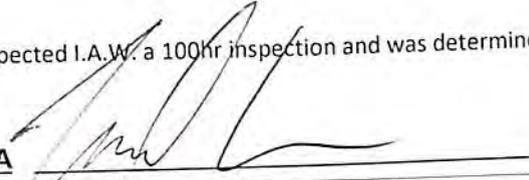
ns
of
s.)

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
------	---------------------	----------------	-----------------------	--

Cessna 172M N6542H S/N: 17265482
Lycoming O-320-E2D S/N: L-27138-27A
12/01/24 Hobbs: 11,995.6 Tach: 1931.5 SMOH: 1263.1

Engine 100hr Inspection performed I.A.W. Lycoming Maintenance Manual, and FAR 43 Appendix D. Drained oil and serviced with 8qts AeroShell 100 Plus. Installed new Tempest Oil Filter P/N: 48110-2. Cut filter and inspected filter element, no metal or debris observed. C/W AD 24-21-02. Drained gasolater and carburetor and inspected fuel screens. Cleaned, inspected, gapped, and rotated spark plugs. Checked and adjusted timing. Tested all ignition leads. Checked compressions: #1 80/80 #2 79/80 #3 80/80 #4 78/80. Verified AD compliance through 24-21-02.

I certify that this engine has been inspected I.A.W. a 100hr inspection and was determined to be in airworthy condition.

Michael Ardoin AP 4112423 IA 

31 Dec 24	N6542H Tach: 1982.4	Hobbs: 12,069.3	SMOH: 1316.0	Performed 50hr service per Lycoming O-320 operator's manual and FAR 43 App D. Drained oil, removed and examined oil filter for metal and contaminants. No defects noted at this time. Cleaned Cleaned, gapped and rotated spark plugs. Installed new tempest oil filter P/N AA 48111. Serviced w/ 8qts AeroShell W100 oil.  AP3062509
-----------	---------------------	-----------------	--------------	--

YEAR 20 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.)
--------------------	---------------------------	-------------------	-----------------------------	---

Cessna 172M N6542H S/N: 17265482
 Lycoming O-320-E2D S/N: L-27138-27A
 07/14/24 Hobbs: 11,656.0 Tach: 1685.0 SMOH: 996.6

Engine 50hr service performed I.A.W. Lycoming Maintenance Manual. Drained oil, and serviced with 8qts AeroShell 100 Plus. Installed new Tempest Oil Filter P/N: 48110-2. Cut old filter and inspected element. No contaminants noted. Cleaned, inspected, and rotated spark plugs. Removed 2(ea) Slick Magnetos L/H P/N: 4371, S/N: 06111669 R/H P/N: 4370 S/N: 93040007 for 500 Insp. Installed 2(ea) Overhauled Slick Magnetos after overhaul by Aircraft Accessories of Oklahoma L/H P/N: 4371 S/N: 19120776 and R/H P/N: 4370 S/N: 19110913. Timed both magnetos to engine, and set at 25° BTDC. Installed new Kelly Aerospace ignition harnesses 2(ea) P/N: KA14001. Post MX Ground Run and Mag Check OK, no leaks noted.

Michael Ardoin AP4112423IA

YEAR 20 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.)
--------------------	---------------------------	-------------------	-----------------------------	---

Cessna 172M N6542H S/N: 17265482
 Lycoming O-320-E2D S/N: L-27138-27A
 8/10/24 Hobbs: 11,734.8 Tach: 1742.4 SMOH: 1074.0

Engine 100hr Inspection performed I.A.W. Lycoming Maintenance Manual, and FAR 43 Appendix D. Drained oil and serviced with 8qts AeroShell 100 Plus. Installed new Tempest Oil Filter P/N: 48110-2. Cut filter and inspected filter element, no metal or debris observed. Drained gascolater and carburetor and inspected fuel screens. Cleaned, inspected, gapped, and rotated spark plugs. Checked and adjusted timing. Checked compressions: #1 78/80 #2 76/80 #3 76/80 #4 78/80. Verified AD compliance through 17-16-11 which is N/A.

I certify that this engine has been inspected I.A.W. a 100hr inspection and was determined to be in airworthy condition.

Michael Ardoin AP 4112423 IA

10 Sept 24	N6542H	Tach: 1794.7	Hobbs: 1126.3	SMOH: 1126.3	Performed 50hr service per Lycoming O-320 operations manual and FAR part 43 App D. Drained eng oil and examined oil filter. No metal or contaminants found at this time. Removed, cleaned, gapped and rotated spark plugs. Installed new tempest oil filter 48110-2 and serviced w/ AeroShell W100 plus oil (Bgs) <i>Michael Ardoin AP3062509</i>

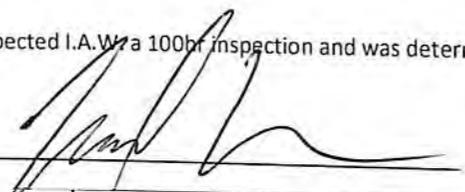
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------------	---------------------------	-------------------	-----------------------------	---

Cessna 172M N6542H S/N: 17265482
Lycoming O-320-E2D S/N: L-27138-27A
02/25/24 Hobbs: 11,194.0 Tach: 1350.5 SMOH: 682.1

Engine 100hr inspection performed I.A.W. Lycoming Maintenance Manual, and FAR 43 Appendix D. Drained oil and serviced with 8qts AeroShell 100 Plus. Installed new Tempest Oil Filter P/N: 48110-2. Cleaned, inspected, and rotated spark plugs. Checked and adjusted timing. Checked compressions: #1 76/80 #2 76/80 #3 76/80 #4 76/80. Verified AD compliance through 17-16-11 which is N/A.

I certify that this engine has been inspected I.A.W. a 100hr inspection and was determined to be in airworthy condition.

Michael Ardoin AP4112423



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
27 Mar 24	465			
27 Mar 24	N6542H	Tach: 1406.1	SMOH: 737.7	Hobbs: 11,268.7
<p>Performed 50hr service referencing Lycoming O-320 service manual and FAR 43 app D. Drained oil, removed cut open and examined oil filter. No metal or contaminants found at this time. Installed new Tempest oil filter P/N 48110-2 and serviced w/ 8qts AeroShell 100 oil. Removed, cleaned, gapped and rotated spark plugs upon reinstallation. Ground run leak ck good. <i>Ardoin AP3062509</i></p>				

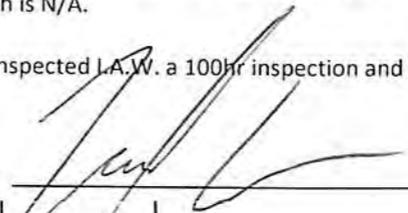
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------------	---------------------------	-------------------	-----------------------------	---

Cessna 172M N6542H S/N: 17265482
Lycoming O-320-E2D S/N: L-27138-27A
4/7/24 Hobbs: 11,327.0 Tach: 1448.0 SMOH: 779.6

Engine 100hr inspection performed I.A.W. Lycoming Maintenance Manual, and FAR 43 Appendix D. Drained oil and serviced with 8qts AeroShell 100 Plus. Installed new Tempest Oil Filter P/N: 48110-2. Cleaned, inspected, gapped, and rotated spark plugs. Checked and adjusted timing. Checked compressions: #1 76/80 #2 76/80 #3 76/80 #4 74/80. Verified AD compliance through 17-16-11 which is N/A.

I certify that this engine has been inspected I.A.W. a 100hr inspection and was determined to be in airworthy condition.

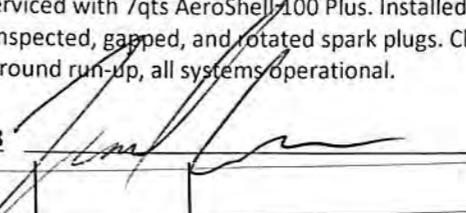
Michael Ardoin AP4112423



Cessna 172M N6542H S/N: 17265482
Lycoming O-320-E2D S/N: L-27138-27A
05/04/24 Hobbs: 11,393.1 Tach: 1495.4 SMOH: 827.4

Engine 50hr inspection performed I.A.W. Lycoming Maintenance Manual, and FAR 43 Appendix D. Drained oil and serviced with 7qts AeroShell 100 Plus. Installed new Tempest Oil Filter P/N: 48110-2. Cleaned, inspected, gapped, and rotated spark plugs. Checked and adjusted timing. Post service ground run-up, all systems operational.

Michael Ardoin AP4112423

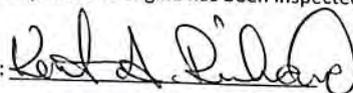


Acadiana Aircraft Interiors 299 Hangar Road ~ Opelousas, LA 70570 ~ 337-277-3953

October 28, 2023 N6542H Tach: 1155.5 TTE: UNK SMOH: 487.1

Inspected engine IAW 100 hr. inspection as per manufacturers manual & FAR 43 Appendix D Changed oil & installed new AA448110-2 oil filter, cut old oil filter no contaminants or metal found, refilled with 6 quarts Aeroshell 100W plus. Cleaned and tested spark plugs Installed serviceable magnetos after 500hr. insp by Aircraft Accessories of Oklahoma. Removed L/H P/N 4371 S/N 22050554 and installed P/N 4371 S/N 06111669. Removed R/H P/N 4371 S/N 19110913 and installed P/N 4371 S/N 93040007 checked hoses & lines for torque & valve covers, checked muffler for cracks. Compression check as follows # 1. 80/80 2. 80/80 3. 80/80 4. 78/80 . Verified AD compliance through 17-16-11 Performed ground test run all systems normal. I certify that this engine has been inspected IAW a 100-hr. inspection and was determined to be in an airworthy condition.

Kent A. Richard Certificate: AP3053498

Signed: 

tions
er of
tries.)

1/20/23	N6542H	Tach: 1208.3	Hobbs: 0996.4	SMOH: 539.9	Performed 50hr service referencing Lycoming O-320 service manual and FAR 43 app D. Drained oil, removed cut open and examined oil filter. No metal or contaminants found. Installed new oil filter (Tempest Plus AA44110-2) and serviced w/ 6qts AeroShell 100W oil. Removed, cleaned, gapped and rotated spark plugs upon reinstallation. Ground run up leak check good all work done referencing Lycoming O-320 service manual & FAA 302509
---------	--------	--------------	---------------	-------------	---

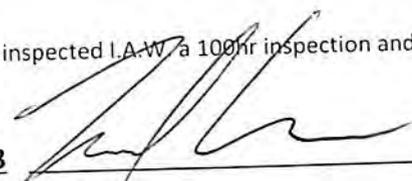
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-----------------	---------------------	----------------	-----------------------	--

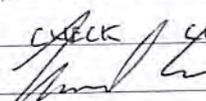
Cessna 172M N6542H S/N: 17265482
Lycoming O-320-E2D S/N: L-27138-27A
12/25/23 Hobbs: 11,056.3 Tach: 1251.6 SMOH: 583.2

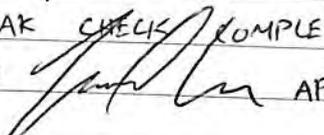
Engine 100hr inspection performed I.A.W. Lycoming Maintenance Manual, and FAR 43 Appendix D. Drained oil and serviced with 8qts AeroShell 100 Plus. Installed new Tempest Oil Filter P/N: 48110-2. Cleaned, inspected, and rotated spark plugs. Checked and adjusted timing. Checked compressions: #1 76/80 #2 76/80 #3 78/80 #4 76/80. Verified AD compliance through 17-16-11 which is N/A.

I certify that this engine has been inspected I.A.W. a 100hr inspection and was determined to be in airworthy condition.

Michael Ardoin AP4112423



1/4/23	1309.9				PERFORMED 50 HR SERVICE IAW LYCOMING SERVICE MANUAL AND FAR 43 APP. D. DRAINED ENGINE OIL. REMOVED FILTER AND INSPECTED. NO CONTAMINATES OBSERVED. SERVICED w/ 6QTS AEROSHELL 100W OIL AND INSTALLED NEW TEMPEST FILTER. P/N 48110-2. POST SERVICE RUN-UP AND LEAK CHECK COMPLETED. MICHAEL S. ARDOIN  AP 4112423
--------	--------	--	--	--	--

YEAR 2023 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.)
22 JUL 2023	1012.8			PERFORMED 50 HR SERVICE IAW LYCOMING SERVICE MANUAL AND FAR 43 APP. D. DRAINED ENGINE OIL. REMOVED FILTER AND CUT OPEN. NO CONTAMINATES FOUND. SERVICED W/ 8 QTS AEROSHELL W100 OIL AND INSTALLED NEW TEMPEST FILTER P/N 48110-2. POST SERVICE RUN-UP AND LEAK CHECKS COMPLETED. MICHAEL S. ARDOIN  AP4112423

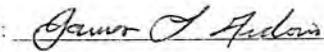
Acadiana Aircraft Interiors 299 Hangar Road ~ Opelousas, LA 70570 ~ 337-277-3953

August 24, 2023, N6542H Tach: 1055.9 Hobbs: 787.9 TTE: UNK SMOH: 387.5

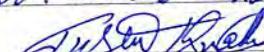
Inspected engine IAW 100 hr. inspection as per manufacturers manual & FAR 43 Appendix D Changed oil & installed new AA48110-2 oil filter, cut old oil filter no contaminants or metal found, refilled with 6 quarts Aeroshell 100W plus Installed 8 new UREM40E spark plugs, checked timing, checked hoses & lines for torque & valve covers, checked muffler for cracks. Checked alternator belt. Compression check as follows # 1. 80/80 2. 80/80 3. 80/80 4. 80/80 Performed ground test all systems normal. Verified AD compliance through.17-16-11. I certify that this engine has been inspected IAW a 100-hr. inspection and was determined to be in an airworthy condition.

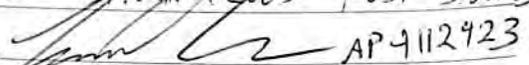
Kent A. Richard Certificate: AP3053498

Signed: 

NIGHTHAWK ENTERPRISES 156 Vista Dr ~ Washington, LA 70570 ~ 337-351-0813
 August 24, 2023 N6542H Tach: 1055.9 Hobbs: 0787.9 TTE: unk SMOH: 387.5
 Inspected engine during 100 hour inspection / maintenance. Performed ground tests & all systems operated normal.
 I certify this engine has been inspected IAW with an annual inspection and was determined to be in an airworthy condition.
 James L. Ardoin Certificate: AP 3464259 IA Signed: 

Alterations
Number of
entries.)

29 Oct 23	N6542H Hobbs: 854.7 Tach: 1104.6			Found bad mag etc on run up. Removed lower #3 cylinder spark plug and installed serviceable Champion plug thru REM40E referencing Lycoming 0-320 service manual and Ground run mag etc found to be good at this time and  AP3062509
40 Oct 23	N6542H Hobbs: 860.5 Tach: 1108.5			Performed 50 hr service referencing Lycoming 0-320 service manual and FAR 43 App D. Drained eng oil, removed and cut open oil filter. No contaminants or metal found at this time. Installed new oil filter (tempest) p/n 48110-2 and serviced with 8 qts Aeroshell W100 oil. Found bad mag etc on run up. Found #2 cylinder low plug fouled. Replaced 7ea spark plugs with Champion thru REM40E new plugs. Ground run leak ck good. All work done Referencing Lycoming 0-320 service manual and  AP3062509

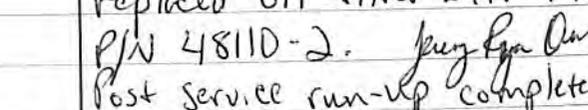
YEAR 20 <u>23</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
17 MAR 23	TACH 818.2	HOBBS 10452	2	PERFORMED 50 HR SERVICE IAW LYCOMING SERVICE MANUAL AND FAR 43 APP D. DRAINED ENGINE OIL, REMOVED AND CUT OIL FILTER, NO CONTAMINATES OBSERVED SERVICED ENGINE W/ 8 QTS AEROSHELL 100 OIL AND REPLACED OIL FILTER WITH TEMPEST FILTER MODEL P/N 48110-2 ROTATED AND LAPPED SPARK PLUGS POST SERVICE RUN-UP COMPLETED.  AP4112423

Cessna 172M N6542H S/N: 17265482
Lycoming O-320-E2D S/N: L-27138-27A
5/8/23 Hobbs: 10,521.5 Tach: 867.0 SMOH: 198.6

Engine 100hr inspection performed I.A.W. Lycoming Maintenance Manual, and FAR 43 Appendix D. Drained oil and serviced with 8qts AeroShell 100 Plus. Installed new Tempest Oil Filter P/N: 48110-2. Cleaned, inspected, and rotated spark plugs. Checked timing. Checked compressions: #1 79/80 #2 78/80 #3 78/80 #4 78/80. Verified AD compliance through 17-16-11 which is N/A.

I certify that this engine has been inspected I.A.W. a 100hr inspection and was determined to be in airworthy condition.

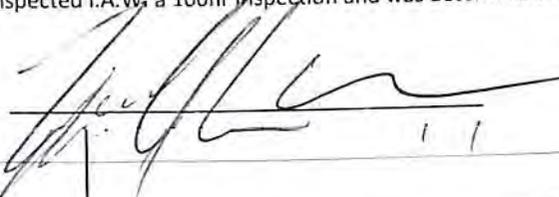
Michael Ardoin AP4112423  5/8/23

YEAR 20 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.)
8 June 23	925.7	Hobbs 102004	9	Performed 50 hr Service Per Lycoming Service Manual and Far 43 App D. Drained Engine oil, removed and cut oil filter, No contaminants observed. Serviced engine with 8 Qts Aeroshell 100 oil and replaced oil filter with tempest filter model P/N 48110-2.  ATP 5010799 Post service run-up completed

Cessna 172M N6542H S/N: 17265482
Lycoming O-320-E2D S/N: L-27138-27A
6/25/23 Hobbs: 10,648.7 Tach: 956.0 SMOH: 287.6

Engine 100hr inspection performed I.A.W. Lycoming Maintenance Manual, and FAR 43 Appendix D. Drained oil and serviced with 8qts AeroShell 100 Plus. Installed new Tempest Oil Filter P/N: 48110-2. Cleaned, inspected, and rotated spark plugs. Checked timing. Checked compressions: #1 79/80 #2 79/80 #3 79/80 #4 78/80. Verified AD compliance through 17-16-11 which is N/A.

I certify that this engine has been inspected I.A.W. a 100hr inspection and was determined to be in airworthy condition.

Michael Ardoin AP4112423 

YEA/20 NIGHTHAWK ENTERPRISES 156 Vista Dr ~ Washington, LA 70570 ~ 337-351-0813
 August 26, 2022 N6542H Tach: 0668.4 Hobbs: 0238.5 TTE: unk SMOH: 0.0

Installed this Lycoming 0-320 E2D, S/N L-27138-27A overhauled by Poplar Grove Airmotive, 800-397-8181, W.O. 103821. all new LORD J-9613-49 isolators, upper AN7-43A bolts, lower AN44A bolts, new MS21045-7 nuts, and new 37A19773-376 alternator belt. New magnetos, new starter, new UREM 40E spark plugs, and overhauled carburetor supplied with overhaul. Reinstalled same vacuum pump, and new 37A19773-376 alternator belt. Serviced with 7 quarts Aeroshell 100 Mineral oil. Performed ground tests, & all systems operated normal. Verified AD compliance through 2017-16-11. (Lycoming connecting rod bushings) which is NA.. I certify this engine has been inspected IAW with an annual inspection and was determined to be in an airworthy condition.

James L Ardoin Certificate: AP 3464259 IA Signed: *James L Ardoin*

Schultz Aviation Services 526 N Ave G Crowley, LA (337)305-2159
 September 19, 2022 N6542H Tach: 0683.4

Changed oil and serviced with 6 qts. Aeroshell 100 mineral oil and installed new AA48110-2 oil filter. Cut old oil filter and inspected for contaminants, none found at this time. Replaced vacuum pump seal CR 8748 due to leak. Checked engine hardware for tightness and oil leaks, no discrepancies found. Performed ground run, everything functioning normally at this time.

Jason Schultz AP 3612313 Signed: *Jason Schultz*

17 Nov 22	N6542H	Tach: 715.2	Hobbs: 02305.2	Performed 50hr service per Lycoming 0-320 operations manual and FAR 43 App D. Drained eng oil and examined oil filter. No metal or contaminants found, gapped and rotated spark plugs. Install new Tempest oil filter P/N AA48110-2 and serviced with Aeroshell 100 plus Di-Turbine Add AP 3062509
-----------	--------	-------------	----------------	--

ions
 er of
 ries.)

ENGINE MODEL: 0-320-E2D
 ENGINE S/N: L-27138-27A
 REG. NO: N6542H
 WORK ORDER: 2080-01-2023



Lafayette Aircraft Services LLC
 125 Shepard Drive
 Lafayette, LA 70508 USA
 Phone: 337-266-8991

DATE: 24 January, 2023
 A/C TSN: 10554.6
 ENG TT:
 TSMOH: 100.2
 TACH: 768.6

Engine Entries

Complied with a 100 Hour Inspection I/A/W Title 14 CFR 43 Appendix D. Complied with pre-inspection ground performance run-up. Removed engine cowling. Drained engine oil. Removed top spark plugs. Complied with compression test results follow: #1 78/80 #2 78/80 #3 77/80 #4 77/80 master orifice reading 46/80. Checked magneto to engine timing and found ok. Removed lower spark plugs. Removed oil filter, cut open and inspected for contamination, none noted. Installed new Tempest oil filter P/N: AA48110-2 and safetied with .032" stainless steel safety wire. Cleaned, inspected, gapped, tested and reinstalled all spark plugs rotating top to bottom. Removed oil pump suction screen, cleaned, inspected and reinstalled. Filled engine with 8 quarts of Aeroshell W100. Inspected electrical system, ignition system, fuel system, exhaust and intake systems, and engine controls systems. Inspected baffles, seals, firewall, oil cooler, vacuum pump, cylinders, crank case, accessories, starter, alternator and belt, engine breather, engine mount weldment, engine shock mounts, propeller mounting hardware, carburetor, carburetor heat, and engine air filter. Inspected engine controls for security, travel and rigging. Inspected muffler and muffler shroud. Inspected all wiring, ducts, hoses and plumbing. Lubricated engine as required. Complied with post-inspection ground performance run up. Reinstalled engine cowling.

Removed engine induction air filter. Installed new Brackett air filter P/N: BA-6108. All work done I/A/W Cessna 172M M.M. Section 2.
 Removed cabin heater SCAT duct between muffler shroud and cabin heat valve. Installed new cabin heat SCAT duct. All work done I/A/W Cessna 172M M.M. Section 14.

Complied with AD2011-10-09 I/A/W para. (g) of AD, no defects noted. This AD next due 01/2024 or 10654.6 Acft TT, whichever occurs first.

I certify this aircraft engine has been inspected I/A/W a 100 Hour Inspection and was determined to be in an airworthy condition at this time.

All maintenance performed on this Engine was performed in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed above.

DATE: 24 January, 2023 SIGNED: *Mark Suire* Work Order: 2080-01-2023
 Mark Suire, A&P: A&P 4034242 Printed by EBis 3 (datcomedia.com)

YEAR 20 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.)
--------------------	---------------------------	-------------------	-----------------------------	---

MANUFACTURER: Lycoming ENGINE MOD: O-320-E2D S/N: L-27138-27A WO# 103821

AD #	DESCRIPTION
55-02-02	accessory drive adapter gasket
59-10-07	baffle clamps
63-23-02	exhaust valves
64-16-05	fuel pump
66-20-04	oil filter adapter gasket
75-08-09 R3	oil pump drive shaft
87-10-06 R1	rocker arm
90-04-06 R1	oil line
92-12-05	piston pin
95-26-02	improper fuel
96-09-10 C	oil pump
97-15-11	piston pin P/N LW14077
98-02-08	crankshaft
98-17-11 C	crankshaft (Nelson Balancing)
04-10-14 C	crankshaft gear
06-12-07	ECI cylinders
07-04-19 R1	Superior cylinders
09-26-12	ECI cylinders
12-03-07	HA-6 carburetor
15-02-07	Prop Governor shaft set screw
17-16-11	Lycoming con. rod bushings

COMPLIANCE STATUS

N/A by engine S/N

N/A has new style clamps

N/A by 1/2" valves installed

N/A no fuel pump installed

N/A by engine S/N

N/A has drive shaft with flats

N/A rocker LW-18790 not installed

N/A has fixed pitch prop

N/A by pin P/N

N/A by registration number

P/C/W IAW SB524

N/A by pin P/N

C/W IAW SB505B and SB530B, has PID stamp

C/W by inspection IAW para. (b)

C/W IAW SB 475C. due any prop strike

N/A to Superior cylinders

N/A by cylinder S/N

N/A to Superior cylinders

N/A by carburetor model

N/A to this engine model

N/A to new bushings installed, P/N AEL13923

Poplar Grove Airmotive, Inc.
 FAA Approved Repair Station YYBR664L Terry Aavang

Terry Aavang

Date: 07/Jul/2022



Phone: 815.544.2300 800.397.8181 LIMITED AIRCRAFT ENGINE WARRANTY FAX: 815.544.8900

Poplar Grove Airmotive, Inc. (PGA) limits its warranty on the listed engine overhauled by PGA to be free from defects in material and workmanship under normal use and service for a period of two years or 500 hours, whichever occurs first from the completion date of the overhaul. All accessories overhauled by PGA are warranted for 250 hours of operation or one year, whichever event shall occur first.

Any engine, cylinder or component Repair not associated with a major engine overhaul is warranted to be free from defects in material and workmanship for six months.

The obligation of the Company under this warranty is limited to the repair or replacement, at the option of PGA, of any part, component or engine, which, in the opinion of PGA is defective. PGA assumes no obligation for work accomplished at a facility other than PGA unless prior notification is given and the owner receives authority from PGA to proceed. PGA additionally reserves the right to furnish any parts and/or components required. If requested by PGA, owner must return all warranted parts, transportation prepaid, to PGA for examination.

Warranty is not applicable to routine maintenance, inspection or adjustments. Replacement or repair of an engine component or accessory will not be construed to extend the initial warranty period.

This warranty shall not apply to engines, their component parts or accessories which have been improperly installed, adjusted, stored, handled, repaired, altered or operated contrary to current manufacturer's recommendations of FAA Airworthiness Directives, or subjected to misuse, neglect, accident, pre-ignition, detonation, hydrostatic lock or corrosion.

PGA does not warrant accessories, such as factory-remanufactured magnetos, carburetors, starters, etc. supplied by a vendor other than PGA when that vendor has its own warranty.

No express warranties and no implied warranties, whether of merchantability or fitness for any particular use, or otherwise (except to title) other than that expressly set forth above, which is made expressly in lieu of all other warranties, shall apply to products sold by PGA.

This warranty and this PGA's obligation thereunder is in lieu of all other warranties, expressed or implied, including warranties of merchantability and fitness for a particular purpose, and all other obligations or liabilities, including consequential damages or contingent liabilities arising out of the failure of any engine or part to operate properly, and no person is authorized to give any other warranty or to assume any additional obligation on PGA's behalf unless made in writing and signed by an officer of PGA.

Date 7/5/2022 Model Lyc. O-320-B2D S/N L-27138-27A WO# 103821

**POPLAR GROVE AIRMOTIVE, INC.
CRS YYBR664L
SUGGESTED BREAK-IN PROCEDURES**

After starting the engine, ensure a normal warm up, but avoid prolonged ground running. Follow the airframe manufacturer's recommendations for takeoff power. When possible, reduce power to the climb power setting specified in the operator's manual. Establish a shallow climb angle to ensure good air speed for proper cooling. Use more cowl flaps than normal or step climb to help in this process. Adjust mixture per aircraft operating handbook. Excessive heat is the primary cause of cylinder bore glazing. Make every effort to keep your operating temperature well into the green arc.

If the engine is normally aspirated (non-turbocharged) it will be necessary to cruise at a low altitude to obtain the required cruise power levels. We recommend a density altitude less than 5,000 feet to allow the engine to develop sufficient cruise power for a good break-in.

For proper break-in/piston ring seating, operate the engine at 65-75% power during cruise while keeping engine temperatures well in the green arc. Maintain these power settings until oil consumption stabilizes, this will minimize the chance of glazing the cylinder bores. Glazing cylinder bores require cylinder removal, honing, and installing new piston rings. **Poplar Grove Airmotive does not warranty this condition.**

Descend at low cruise power while closely monitoring the engine instruments. Avoid long descents at low manifold pressure and rapid descents, as this will cause the engine to cool too rapidly.

There is only one object to be accomplished during the break-in: the stabilization of oil consumption. Record all oil additions and flight hours in such a manner that quart per hour of flight is known. During this portion of the break-in, which could range 25 to 100 hours, mineral oil **must be** used in the engine. Change oil and inspect filter after approximately 10 hours - then 35 hours - then per your normal schedule, however, do not use AD (ashless dispersant) oil until consumption stabilizes.

Engine Oil Recommendation For Piston Ring Seating

Aero Shell 100	SAE 50	Above 60 degrees F
Aero Shell 80	SAE 40	30 degrees - 90 degrees F
Aero Shell 65	SAE 30	0 degrees - 70 degrees F
Phillips 20W-50	Type M	All Season
Phillips 20W-50	XC	Nickel Cylinders

Use mineral based AD oils only after break-in - NO synthetics

Cessna[®]



ENGINE
AND PROPELLER LOG

N 6542 H SERIAL NO. B-42136-27A

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
3-23-89		Tach	203.2			
		Repaired and Reinstalled carb after repair. Metal float installed and needle & seat set by Clydesdale Airt Craft				
					Roger R Mayo	A79195899

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
7-17-89		Tach	270.3	TSMOH 119800 TT 2929.4		
		Completed 100hr inspection this date following manufacturers service manual and FAR part 43.				
		Changed oil, cleaned sump and suction screens, cleaned and gapped all spark plugs, checked mag timing, replaced valvetrain pump drive sprocket seal, inspected induction, fuel and exhaust systems. Engine washed down and serviced with Tote Shell's RC 20W-50. Checked or complied with ADS thru side 89-13				
		Compression Check				
		I certify that this engine was inspected in accordance with a Annual inspection and was determined to be in an airworthy condition.				
					Roger R Mayo	A79195899 ZA
		MECHANIC AVIATION WORKS				
		NEWARK, NJ 07102 NEWARK, NJ 07102				

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER																				
		HOURS	10THS																							
7-13-88	Tach	079.2		TSMO 928.7 TT 2738.3																						
Completed 100hr inspection this date following manufactures service manual and FAR PART 43																										
Changed oil, cleaned press and suction screens. Cleaned and gapped all spark plugs. Checked magneto timing. Replaced #2 cyl. rocker box gasket. Replaced ALT. Belt. Inspected induction, Ign. and Exhaust Systems. Engine washed down and serviced with 8qts Phillips Multigrade 20W50. Checked or complied with AD's then issue 88-12. Replaced air intake filter. WAD 84-26-02																										
I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in an airworthy condition.																										
MECHANIC <u>Roger R. Mayo</u> CERT. NO. <u>NP19589957A</u>																										
NEWARK AIRPORT NEWARK, OHIO																										
<table border="0"> <tr> <td>75</td><td>2</td><td>76</td><td>3</td><td>76</td><td>4</td><td>76</td><td>5</td><td>6</td><td>80</td> </tr> <tr> <td>80</td><td>2</td><td>80</td><td>3</td><td>80</td><td>4</td><td>80</td><td>5</td><td>80</td><td>6</td> </tr> </table>							75	2	76	3	76	4	76	5	6	80	80	2	80	3	80	4	80	5	80	6
75	2	76	3	76	4	76	5	6	80																	
80	2	80	3	80	4	80	5	80	6																	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER																				
		HOURS	10THS																							
12-20-88	Tach	177.2		TSMO 1026.7 TT 2836.3																						
Completed 100hr inspection this date following manufactures service manual and FAR PART 43																										
Changed oil. Cleaned press and suction screens. Cleaned and gapped all spark plugs. Adjusted LH mag to 25° BTDC. Tightened rocker box screws. Inspected induction, Ign and Exhaust systems. Engine washed down and serviced with 8qts Phillips Multigrade 20W50. Checked or complied with AD's thru issue 88-24.																										
I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in an airworthy condition.																										
MECHANIC <u>Roger R. Mayo</u> CERT. NO. <u>NP19589957A</u>																										
NEWARK AIRPORT NEWARK, OHIO																										
<table border="0"> <tr> <td>177</td><td>2</td><td>77</td><td>3</td><td>77</td><td>4</td><td>78</td><td>5</td><td>6</td><td>80</td> </tr> <tr> <td>80</td><td>2</td><td>80</td><td>3</td><td>80</td><td>4</td><td>80</td><td>5</td><td>80</td><td>6</td> </tr> </table>							177	2	77	3	77	4	78	5	6	80	80	2	80	3	80	4	80	5	80	6
177	2	77	3	77	4	78	5	6	80																	
80	2	80	3	80	4	80	5	80	6																	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
NOV 19 1987	1 hr 26.47.1	837.5	77	2647.1		
Completed 100HR inspection this date following manufacturers service manual and FAR PART 43. Changed oil, cleaned Petrol and suction screens. Checked and gapped all spark plugs. Checked magneto timing. Replaced 1 cyl rocker box gasket. Replaced muffler with an overhauled 1754001-22R. Checked starter brushes. Tightened sump bolts. Engine washed down and serviced with Eps Phillips XC 20W50. Checked or complied with AD ¹ thru issue 87-31.						
I certify that this <u>Engine</u> has been inspected in accordance with <u>Manual</u> inspection and was determined to be in an airworthy condition.						
MECHANIC <u>Roger R. Mayo</u> APT 1958595 AVIATION WORKS NEWARK AIRPORT NEWARK, OHIO						
	1 27	2 77	77	4 775	6	-
	80	85	85	80	80	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE	DURATION	ACCUMULATED TOTAL TIME		SIGNATURE	LICENSE NUMBER
		HOURS	10THS		
12-9-87	1 hr 26.59.1	849.5	77	2659.1	
Installed a new tachometer with a reading of 000.0 Roger R Mayo APT 1958595					
I certify that this <u>Engine</u> has been inspected in accordance with <u>Manual</u> inspection and was determined to be in an airworthy condition.					
MECHANIC <u>Roger R. Mayo</u> APT 1958595 AVIATION WORKS NEWARK AIRPORT NEWARK, OHIO					

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 9/6/85	Tach 2470			Chaged oil & cleaned screen (Phillips X/C) Anthony R. Saxon A/P 270560767IA		
				Inspected engine as required by FAR 91.169 Compression #1 76/80 #2 0/80 #3 75/80 #4 76/80 Removed #2 cyl due to low compression. Rebuilt by T.W. Smith per attached maintenance release. Changed oil & cleaned screen. (Phillips X/C)		
				DATE 12-19-85 TACH 2499.7 TIT 2499.7 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN A WORTHY CONDITION. Anthony R. Saxon A & P 270.560767IA		

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 8/14/86	(Tach 2541)			Changed oil & cleaned oil Screen (Phillips X-C) Sh. L. Kaufman A/P 295427044		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 82 6-19	TACH	2062	5	change oil to aeroshell 20W30 add battery water	Phil Wase	
8-12	TACH	2118	7	CHANGED OIL & CLEANED FILTER PHILLIPS 20W-50	JH Gardner	
10/5	TACH	2175	3	CHANGED OIL & CLEANED FILTER PHILLIPS 20W-50	JH Gardner	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	IOths				
19				Inspected engine in accordance with FAR 43 Appendix D. Compression #1 74/80 #2 75/80 #3 76/80 #4 71/80 Changed oil & cleaned screen (Phillips x-c) Completed at overhaul AD 81-48-04 Oil pump failure due 2000 from engine O/H @ Tach 3809.6 not started since			
				DATE 10-29-82 TACH 2195 TIT 2195 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Anthony R. John A & P 270560767IA			
7/12/83				Change oil & cleaned screen (Phillips x-c) TACH 2248.1	TAJ		
8-15/83				Changed oil & cleaned screen (Phillips x-c) Tach 2319.9	Anthony R. John A & P 270560767IA		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS--ADJUSTMENTS accessories given	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 80 6/24				mandatory P. A. A. and Mfg. bulletins C/W. For pertinent details of overhaul, reference W. D. C. A. E-5, this agency. Engine should be tested and determined Airworthy.		
				Clydesdale Aircraft Corp. 3850 E. 5th AVE. COLUMBUS, OHIO Approved Repair Station No. 2723		
				Roger Miller E-1328787 ROGER MILLER E-1328787		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE	DURATION	ACCUMULATED TOTAL TIME		SIGNATURE	LICENSE NUMBER	
		HOURS	10THS			
19 80 6-25	"O" SMOH T.T. 1809.6			Installed engine, model O-320-E2D, SN-1-42136-27A, after routine major overhaul by Clydesdale A/C Corp. Serviced with 8QT. 50W AEROSHELL MINERAL OIL. Installed rebuilt muffler by Kinsey Welding Inc. W.D. 4891. Replaced engine baffling, replaced eng. air filter, replaced carb heat hose. Service fuel strainer & added water to battery. Vacuum pump only accessory not overhauled during major. All AD's checked thru issue 80-12.		
				William Kent #1 P. #2 2134368		
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE 6-25-80 TACH. READING 1809.6		
				A&P TOTAL TIME 1809.6		
				Richard C. Dunder IA 2037053 IA	"O" smoth	

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 78 7-20	100 HA			Annual insp Corp per Assn Form. Replaced 5 spark plugs, Dress prop blades Revised Magz. Replaced intake Valve Springs, Replaced #2 exhaust gasket. Replaced Ocean piston gasket Total 1420		
<p>I certify that this <u>Engine</u> has been inspected <u>Annual</u> inspection and <u>7-26-78</u> <u>1420</u> Aircraft <u>1420</u> Engine <u>1420</u></p> <p>FLITEWAYS, INC. FAA REPAIR STATION 001 JAYTON GEN. AIRPORT DAYTON, OHIO</p> <p>Auth. Person <u>Charles K. Miller</u> CESSNA & AERO COMMANDER SALES - SERVICE</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 78 11-10	800 HA			Annual insp Corp per Assn Form. oil Screen checked. Service with 40w oil Replaced 5 spark plugs, adjusted valve. Replaced #1 & #3 exhaust gaskets. Replaced shroud on port air Box. Total 1519.4		
<p>I certify that this <u>Engine</u> has been inspected <u>Annual</u> inspection and <u>11-10-78</u> <u>1519.4</u> Aircraft <u>1519.4</u> Engine <u>1519.4</u></p> <p>FLITEWAYS, INC. FAA REPAIR STATION 001 DAYTON GENERAL AIRPORT DAYTON, OHIO</p> <p>Auth. Person <u>Charles K. Miller</u> CESSNA & AERO COMMANDER SALES - SERVICE</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 77 11-15	100 KT			100 KT insp Comp per Cessna Form. oil drain & Screen checked. Serviced with 30 w oil. Replaced 2 spark plugs. Clean gas & test spark plugs. Replaced 1st mag. adjust 1st terminal Belt. Magn. Dress. mag. 13 blks. Replaced alternator brackets. Replaced 1000 overnight. Start in 1st 1st. Replaced muffler. Test 1201.4		

I certify that this Engine has been inspected

in accordance with a 100 KT inspection and was found to be in satisfactory condition. Date 11-15-77

Total Time Aircraft 1201.4

FAIRWAYS, INC.
DAYTON GENERAL AIRPORT DAYTON, OHIO

Auth. Person: Charles W. [Signature]

TOTAL TIME FORWARD TO TOP OF NEXT PAGE

SALES - SERVICE

NMICRORAFT P/N.

SO-00127B-1

APPLIES TO CESSNA 172 S/N, F17200805 & ON 17259224

INTERCHANGES WITH CESSNA P/N, 1754001-13, 15, 18

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 78 3-31				100 KT insp Comp per Cessna Form. oil drain & Screen checked. Serviced with 50 w oil. Replaced Magn. 1st higher alternator Belt. 30/1 removed. Replaced 1st & 2nd Valve Guide & Rings. Lapped Valve Horns. Oil. Replaced 1st & 2nd Spark plugs.		

I certify that this Engine has been inspected

in accordance with a 100 KT inspection and was found to be in satisfactory condition. Date 3-31-78

Total Time Aircraft 1303.1

FAIRWAYS, INC.
DAYTON GENERAL AIRPORT DAYTON, OHIO

Auth. Person: Charles W. [Signature]

TOTAL TIME FORWARD TO TOP OF NEXT PAGE

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 77 6-10				100 HR vis Comp for Cessna Form. oil oil drain & screen checked. Service with 50 Waco. Replaced alternator belt. Replaced alternator Ken mount. Replaced all of last spark. Replaced 3 intake seats. Clean Gap & test spark plugs. Total 983.8		
I certify that this <u>Engine</u> has been inspected in accordance with a <u>100HR</u> inspection and was found to be in airworthy condition. Date <u>6-10-77</u> Total Time Aircraft _____ Engine <u>983.8</u>						

FLITEWAYS, INC.
 FAA REPAIR STATION 705-1
 DAYTON GENERAL AIRPORT DAYTON, OHIO

Auth. Person Charles A. Wells

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE
 SALES - SERVICE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 77 8-9				100 HR & annual vis Comp for Cessna Form. oil drain & screen checked. Service with 50 waco. Clean gap & test spark plugs. Dress up blades. Research State lead. Replaced bent shift link buffer. Lock 1087.3		
I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was found to be in airworthy condition. Date <u>8-9-77</u> Total Time Aircraft _____ Engine <u>1087.3</u>						

FLITEWAYS, INC.
 FAA REPAIR STATION 705-1
 DAYTON GENERAL AIRPORT DAYTON, OHIO

Auth. Person Charles A. Wells
 CESSNA & AERO COMMANDER
 SALES - SERVICE

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 76 7-29				100HR insp Comp. for Cessna Form. Oil drain & Screen Checked. Serviced with 50w oil. Check gaps & test spark plug. Recheck #1 cyl intake tube Tech 591.3 Replac left mag cable gear.		
9-3-76						

I certify that this Engine has been inspected
in accordance with a 100HR inspection and
was found to be in airworthy condition. Date 7-29-76
Total Time. Aircraft _____ Engine 591.3

FLITEWAYS, INC.
DAYTON GENERAL AIRPORT DAYTON, OHIO
FAA APPROVED REPAIR STATION C05-1

Date 9-3-76 Auth. Person Charles R. Well
AERO COMMANDER - CESSNA
SALES & SERVICE

FLITEWAYS, INC.
FAA REPAIR STATION C05-1
DAYTON GENERAL AIRPORT DAYTON, OHIO

Date _____ Auth. Person _____
AERO COMMANDER - CESSNA
SALES & SERVICE

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 76 9-23				100HR insp Comp. for Cessna Form. Oil drain & screen checked. Serviced with 50w oil. Replaced #1 & #3 Rocker arm gaskets. Replaced 2 #4 spark gaskets. Plug gap & test spark plugs. Tech 688.9		
9-30-76						

I certify that this Engine has been inspected
in accordance with a 100HR inspection and
was found to be in airworthy condition. Date 9-23-76
Total Time. Aircraft _____ Engine 688.9

FLITEWAYS, INC.
DAYTON GENERAL AIRPORT DAYTON, OHIO
FAA APPROVED REPAIR STATION C05-1

Date 9-30-76 Auth. Person Charles R. Well
AERO COMMANDER - CESSNA
SALES & SERVICE

FLITEWAYS, INC.
DAYTON GENERAL AIRPORT DAYTON, OHIO
FAA APPROVED REPAIR STATION C05-1

Date _____ Auth. Person _____
AERO COMMANDER - CESSNA
SALES & SERVICE

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 76 5-20				Removed & replaced left mag. & spark plugs. Removed & replaced both magnet sticks.		
FLITEWAYS, INC. DAYTON GENERAL AIRPORT DAYTON, OHIO FAA APPROVED REPAIR STATION C05-1 Date <u>5-20-76</u> Auth. Person <u>Chile Reel</u> AERO COMMANDER - CESSNA SALES & SERVICE						

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 76 6-2	100 KK			Compu-Matic Corp. this done per Cessna manual oil drain, & safety checks. Semi used 500 oil. Replace all spark plugs.		
I certify that this <u>Engine</u> has been inspected in accordance with a <u>Visual</u> inspection and was found to be in airworthy condition. Date <u>6-2-76</u> Total Time. Aircraft _____ Engine <u>501.1</u> FLITEWAYS, INC. FAA REPAIR STATION C05-1 DAYTON GENERAL AIRPORT DAYTON, OHIO Auth. Person <u>Chile Reel</u> CESSNA & AERO COMMANDER SALES SERVICE						

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 75 9-11				100% inspection per Cessna insp Form. Oil changed & checked. Checked. Service with 50W oil. Retimed both mag's. Repaired front valve. Replaced all spark plugs. Cleaned gas & tested spark plugs.		
				Tech 103.9 I certify that this Engine has been inspected with 103.9 in accordance with a 100% inspection and was found to be in airworthy condition. Date 9-11-75 Total Time. Aircraft _____ Engine 103.9		
				DAYTON AVIATION, INC. FAA REPAIR STATION C05-1 MONTGOMERY COUNTY AIRPORT, DAYTON, OHIO		
				Auth. Person <i>Charles R. Wall</i> AERO COMMANDER SALES - SERVICE		

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 75 10-30				100% inspection. Complete per Cessna Form. Oil changed & screen checked. Service with 50W oil. Adjusted carb. Next contact. Cleaned gas & tested spark plugs. Retimed both mag's.		
				Tech 195.0 I certify that this Engine has been inspected with 216.4 in accordance with a 100% inspection and was found to be in airworthy condition. Date 10-30-75 Total Time. Aircraft _____ Engine 195.0		
				DAYTON AVIATION, INC. FAA REPAIR STATION C05-1 MONTGOMERY COUNTY AIRPORT, DAYTON, OHIO		
				Auth. Person <i>Charles R. Wall</i> AERO COMMANDER SALES - SERVICE		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

