

512AF**01/17/24****AIRFRAME PIPER PA-28-181 S/N: 28020043****AMERICAN FLYERS****AIRFRAME WORK PERFORMED:**

Inspected ELT IAW FAR 91.207D:

C/W AD2015-19-07 (01-25-2012) by visual inspection of fuel injection lines.

Performed AD search. All applicable AD's are current as of 1/17/24.

I certify this aircraft has been inspected in accordance with

an Annual inspection, and a list of discrepancies and

unairworthy items dated 1/17/24 has been provided to the owner / operator.

Unairworthy items include the following:

Left outer aileron hinges (2) P/N 62371-008.

Left center aileron hinge (1) P/N 35636-000.

Annual will be complete and aircraft will be airworthy upon replacement of the items listed above.

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SERVICE HOURS	1/17/24	01/17/24
TACH TIME	2,215.8	2,215.8
A/C TOTAL	2,215.8	2,215.8
ENG TOTAL	2,215.8	2,215.8
ENG SMOH	2,215.8	2,215.8
PROP TOTAL	1,594.6	1,594.6
PROP SMOH	1,594.6	1,594.6

INSPECTIONS	LAST	NEXT
100 HOUR	2,134.6	2,234.6
	1,967.7	
AD2015-19-07	2,215.8	2,315.8
ELT FAR 91.207D	01/17/24	01/31/25
ALT STATIC X/PR	11/21/23	11/30/25
ELT BATTERY		09/30/27
ANNUAL	01/05/23	01/31/24

*All work accomplished IAW
Piper PA28-181
service manuals as required.*

Signature.

Richard A. Farmer Jr A&P

AIRFRAME P 51

512AF**1/19/23**⁴**AIRFRAME PIPER PA-28-181 S/N: 28020043**

SERVICE HOURS	01/17/24	1/19/23
TACH TIME	2,215.8	2,215.8
A/C TOTAL	2,215.8	2,215.8
ENG TOTAL	2,215.8	2,215.8
ENG SMOH	2,215.8	2,215.8
PROP TOTAL	1,594.6	1,594.6
PROP SMOH	1,594.6	1,594.6

INSPECTIONS	LAST	NEXT
100 HOUR	2,134.6	2,234.6
	1,967.7	
AD2015-19-07	2,215.8	2,315.8
ELT FAR 91.207D	01/17/24	01/31/25
ALT STATIC X/PR	11/21/23	11/30/25
ELT BATTERY		09/30/27
ANNUAL	01/05/23	1/31/25

All work accomplished IAW
Piper PA28-181
service manuals as required.

Signature: [REDACTED]

Jack Sumner Miller A&F [REDACTED]

AMERICAN FLYERS

AIRFRAME WORK PERFORMED:

R/R LH AILERON HINGES
R/R OUTER HINGES P/N 62371-008 *2 Hinges*
R/R CENTER AILERON P/N 35636-000
REPLACED HARDWARE AND RIVET HINGES
AIRCRAFT IS NOW AIRWORTHY
OPS CHECK GOOD

-----END-----

AIRFRAME P 52

512AF

8 / 3 0 / 2 4

POWERPLANT: IO-360-B4A S/N: L-38928-51E

SERVICE HOURS	8/20/24	8/30/24
TACH TIME	3,021.3	3,071.4
A/C TOTAL	3,021.3	3,071.4
ENG TOTAL	3,053.2	3,103.3
ENG SMOH	625.8	675.9
PROP TOTAL	2,400.1	2,450.2
PROP SMOH	2,400.1	2,450.2

INSPECTIONS	LAST	NEXT
100 HOUR	3,021.3	3,121.3
AD2015-19-07	3,021.3	3,121.3
ELT FAR 91.207D	01/17/24	01/31/25
ALT STATIC X/PR	11/21/23	11/30/25
ELT BATTERY		09/30/27
ANNUAL	01/19/24	01/31/25

All work accomplished IAW
Piper PA28-181
service manuals as required.

Signature: _____

Michael Thomas Donnelly A&P _____

AMERICAN FLYERS**POWERPLANT WORK PERFORMED:**

Performed 50 hour inspection
Drained engine oil, R/R oil filter P/N CH48110-1.
Inspected oil filter and screen, no contaminants found.
Inspected Gascolator screen, no contaminants found
SERVICED ENGINE WITH 8 QTS. OF AEROSHELL W100 AND AVBLEND.
Engine ground run, ops check/leak check good.

-----END-----

512AF

8 / 2 0 / 2 4

POWERPLANT: IO-360-B4A S/N: L-38928-51E

SERVICE HOURS	8/20/24	8/20/24
TACH TIME	3,021.3	3,021.3
A/C TOTAL	3,021.3	3,021.3
ENG TOTAL	3,053.2	3,053.2
ENG SMOH	625.8	625.8
PROP TOTAL	2,400.1	2,400.1
PROP SMOH	2,400.1	2,400.1

INSPECTIONS	LAST	NEXT
100 HOUR	3,021.3	3,121.3
AD2015-19-07	3,021.3	3,121.3
ELT FAR 91.207D	01/17/24	01/31/25
ALT STATIC X/PR	11/21/23	11/30/25
ELT BATTERY		09/30/27
ANNUAL	01/19/24	01/31/25

I certify this airframe, powerplant or propeller has been inspected in accordance with a 100 hour inspection and was found to be in airworthy condition.

Signature

Michael Thomas Donnelly A&P

AMERICAN FLYERS**POWERPLANT WORK PERFORMED:**

COMPRESSIONS #1 72 #2 73 #3 76 #4 78

Inspected firewall fuel strainer screen, no contaminants found.

CLEANED, INSPECTED, GAPPED, AND ROTATED SPARK PLUGS.

Drained engine oil, R/R oil filter P/N CH48110-1.

Inspected oil filter and screen, no contaminants found.

Washed engine and cowlings with Varsol.

Serviced engine with 8 qts. of Aeroshell W100 and Avblend.

Engine ground run, ops check/leak check good.

All work done iaw pa 28-181 amm & far part 43 appdx. d

-----END-----

512AF

08/13/24

POWERPLANT: IO-360-B4A S/N: L-38928-51E

SERVICE HOURS	08/10/24	08/13/24
TACH TIME	2,982.0	2,994.9
A/C TOTAL	2,982.0	2,994.9
ENG TOTAL	3,013.9	3,026.8
ENG SMOH	586.5	599.4
PROP TOTAL	2,360.8	2,373.7
PROP SMOH	2,360.8	2,373.7

INSPECTIONS	LAST	NEXT
100 HOUR	2,928.5	3,028.5
AD2015-19-07	2,928.5	3,028.5
ELT FAR 91.207D	01/17/24	01/31/25
ALT STATIC X/PR	11/21/23	11/30/25
ELT BATTERY		09/30/27
ANNUAL	01/19/24	01/31/25

All work accomplished IAW
Piper PA28-181
service manuals as required.

Signature

Jake Ryan Stagman A&P

AMERICAN FLYERS**POWERPLANT WORK PERFORMED:**

Pilot Squawk: Engine ran rough for a moment during flight.
Performed engine ground run and was unable to replicate discrepancy.
Removed cowlings and performed Compression test for each cylinder.
Compressions: #1 76/80 #2 78/80 #3 76/80 #4 78/80
Ensured all exhaust stacks and intake pipes were secure.
Removed, cleaned, and inspected spark plugs.
Performed engine ground run and found operation satisfactory.
Magnetos drop satisfactory.
Ground run/ ops check/ leak check good.
Aircraft back in service.

-----END-----

512AF

08/10/24

POWERPLANT: IO-360-B4A S/N:L-38928-51E

SERVICE HOURS	08/09/24	08/10/24
TACH TIME	2,977.2	2,982.0
A/C TOTAL	2,977.2	2,982.0
ENG TOTAL	3,009.1	3,013.9
ENG SMOH	581.7	586.5
PROP TOTAL	2,356.0	2,360.8
PROP SMOH	2,356.0	2,360.8

INSPECTIONS	LAST	NEXT
100 HOUR	2,928.5	3,028.5
AD2015-19-07	2,928.5	3,028.5
ELT FAR 91.207D	01/17/24	01/31/25
ALT STATIC X/PR	11/21/23	11/30/25
ELT BATTERY		09/30/27
ANNUAL	01/19/24	01/31/25

All work accomplished IAW
Piper PA28-181
service manuals as required.

Signature

Jake Ryan Stagman A&P

AMERICAN FLYERS

POWERPLANT WORK PERFORMED:

Pilot Squawk: Oil Temp CAS message appeared on PFD/ Oil temp high.
Drained engine oil and found viscosity to be watery; oil contaminated.
Drained oil completely, R/R oil filter P/N CH48110-1.
Inspected oil filter and screen, no contaminants found.
Serviced engine with 8 Qts. of Aeroshell W100 & Avblend.
Engine ground run, ops check/leak check good.
Oil temperature/ pressure in green operating range throughout duration of ground run
Performed maintenance flight KMMU to KMMU. 1.0 hrs logged.
All engine instruments in green range throughout duration of flight.
Oil temperature/pressure satisfactory throughout flight.
All work done IAW PA-28-181 MM.
PIC Joshua James Budle
Aircraft back in service.

END

512AF

7/24/24

POWERPLANT: IO-360-B4A S/N::L-38928-51E

SERVICE HOURS	7/24/24	7/24/24
TACH TIME	2,928.5	2,928.5
A/C TOTAL	2,928.5	2,928.5
ENG TOTAL	2,960.4	2,960.4
ENG SMOH	533.0	533.0
PROP TOTAL	2,307.3	2,307.3
PROP SMOH	2,307.3	2,307.3

INSPECTIONS	LAST	NEXT
100 HOUR	2,928.5	3,028.5
AD2015-19-07	2,928.5	3,028.5
ELT FAR 91.207D	01/17/24	01/31/25
ALT STATIC X/PR	11/21/23	11/30/25
ELT BATTERY		09/30/27
ANNUAL	01/19/24	01/31/25

I certify this airframe, powerplant or propeller has been inspected in accordance with a 100 hour inspection and was found to be in airworthy condition.

Signature

Michael Thomas Donnelly A

AMERICAN FLYERS

POWERPLANT WORK PERFORMED:

COMPRESSIONS #1 76 #2 74 #3 70 #4 76

Inspected firewall fuel strainer screen, no contaminants found.

CLEANED, INSPECTED, GAPPED, AND ROTATED SPARK PLUGS.

Drained engine oil, R/R oil filter P/N CH48110-1.

Inspected oil filter and screen, no contaminants found.

Washed engine and cowlings with Varsol.

Serviced engine with 8 qts. of Aeroshell W100 and Avblend.

R/R LEFT MAG P/N 4373 S/N 21070308

R/R RIGHT MAGNETO P/N 4373 S/N 21091390

CLEANED FUEL NOZZLES

Engine ground run, ops check/leak check good.

All work done iaw pa 28-181 amm & far part 43 appdx. d

-----END-----

512AF

07/09/24

POWERPLANT: IO-360-B4A S/N: :L-38928-51E

SERVICE HOURS	07/03/24	07/09/24
TACH TIME	2,834.0	2,867.3
A/C TOTAL	2,834.0	2,867.3
ENG TOTAL	2,865.9	2,899.2
ENG SMOH	438.5	471.8
PROP TOTAL	2,212.8	2,246.1
PROP SMOH	2,212.8	2,246.1

INSPECTIONS	LAST	NEXT
100 HOUR	2,834.0	2,934.0
AD2015-19-07	2,834.0	2,934.0
ELT FAR 91.207D	01/17/24	01/31/25
ALT STATIC X/PR	11/21/23	11/30/25
ELT BATTERY		09/30/27
ANNUAL	01/19/24	01/31/25

All work accomplished IAW

Piper PA28-181

service manuals as required,

Signature:

Jake Ryan Stagman A&I

AMERICAN FLYERS

POWERPLANT WORK PERFORMED:

Pilot Squawk 9/7/2024: Aircraft shakes during ground operation with noticeable power ... Oil pressure indicating lower than normal at idle (40 PSI) and does not enter normal ... operating range until aircraft at 1400RPM. RPM lags to increase when power is applied. Performed ground run of A/C and could not replicate any of the discrepancies listed. Oil pressure entered slightly below normal operating range. Adjusted Oil pressure to normal. Performed ground run/ops check after adjustment. Engine instruments all in the green range. No power loss/ shaking during power adjustment. No further discrepancies at this time. Aircraft back in service.

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ENGINE PAGE 82

IFELIMITED

AD

PROP