

NAME/  
SIGNATURELICENCE:  
AME or  
AMO/ACA

ENGINE MODEL:  
IO360-M1A  
ENGINE S/N: L-38392-51E  
REG NO: 741CD  
WORK ORDER:  
12521-01-2022

**Flightline Group, Inc.**

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 1/7/2022  
A/C TSN: 76.5  
ENG TT: 76.5  
TSMOH:  
TACH: 76.5

**Engine Entries**

Changed oil and filter. Serviced with 8 qts 20W50 Phillips X/C oil. 1 Ch48110-1 Champion filter. Added 1 pt Cam Guard provided by customer. Ground ran engine, ops check good, no leaks noted.

The aircraft, engine, propeller or appliance listed above was inspected and/or repaired referencing current FAR's and is approved for return to service ONLY regarding the above action(s). This release in no way certifies current or future airworthiness of the aircraft.

DATE: 1/7/2022

SIGNED:

James Brown, A&amp;P: 2847216

Work Order: 12521-01-2022

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
IO-360-M1A  
ENGINE S/N: L-38392-51E  
REG NO: 741CD  
WORK ORDER:  
9920-07-2022

**Premier Aircraft Service, Inc.**

5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 7/21/2022  
A/C TSN: 97  
ENG TT: 97  
TACH: 97

**Engine Entries**

(2) CHANGED OIL AND FILTER. SERVICED WITH 8 QTS. OF 20W50 AND A NEW CH48110-1 OIL FILTER. OLD OIL FILTER WAS CUT OPEN AND INSPECTED FOR CONTAMINATION. NONE FOUND. ENGINE WAS GROUND RUN. OPS CHECK NORMAL AND NO LEAKS NOTED.

DATE: 7/21/2022

SIGNED:

EMMANUEL VICIOSO  
CRS 9PRR402B

Work Order: 9920-07-2022

Printed by EBis 3 (datcomedia.com)

wo: WO\_147

Engine Annual - page 1 of 1



Steel Aviation, Inc. - 53 North Street Ext - Phillipsburg, Ohio 45354 - 937 332 7587

**N741CD**  
TACH: 151.8

**Lycoming, IO-360-M1A, S/N: L-38392-51E****January 06, 2023**

1. C/W Annual Inspection in accordance with FAR 43 Appendix D using Diamond AMM as a guide.
2. Drained oil and serviced. Installed (7) P/N Phillips X/C 20W50 - Oil.
3. Removed and cut open oil filter. NDN at this time. Installed P/N AA48110-2 - OIL FILTER, DA40.
4. Checked Compressions: #1:79/80, #3:78/80, #2:76/80, #4:78/80.
5. Checked Magneto timing.

I certify that this ENGINE has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition. Details of work performed are on file with Steel Aviation, Inc. under work order: WO\_147.

Jeff Pleiman A/P I/A 3304319

Section 3A: Engine Service						
DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL
BROUGHT FORWARD						

Engine · page 1 of 1



September 22, 2023

N741CD  
HOBBS: 269.1

- N741CD  
HOBBS: 269.1  
Lycoming, IO-360-M179, 175 HP  
TACH: 213.3  
1. Removed fuel flow transducer and replaced with new part number 16-2955 s/n 241331. Ops test good.  
2. Drained engine oil and removed oil filter.  
3. Cut open oil filter. No defects noted at this time.  
4. Installed new oil filter and serviced engine. Installed (8) P/N Phillips X/C 20W50 - Oil, Installed P/N AA48110-2 - OIL FILTER, DA40.  
5. Post run and leak check good.  
Engine is approved for return to service. Details of work performed are on

With respect to the work performed, this Engine is approved for return to service. Details of work performed are on file with Steel Aviation under work order: WO 330.

Jeff Pleiman A/P I/A 3304319

Model	IO-360-M1A
S/N	L-38392-51E
Reg #	N741CD
WO#	230219

***Interstate Turbine Management***  
**2700 Fort Trenholm Rd.**  
**Johns Island, SC 29455**

Date	10/31/23
Hobbs	337.2
FLT	261.8

Engine: Drained oil, cut/insp filter, no contaminants found. Installed new filter AA48110-2, serviced with 7qts Phillips 20w-50. Removed, cleaned, tested Spark Plugs, no defects. Reinstalled Plugs. C/W engine wash and ground run, leaks/ops checks satisfactory.

3541816 A&amp;P IA

WO# 24-015  
Reg# N741CD  
Model# IO360M1A  
SN# L38339251E

***Interstate Turbine Management***  
2700 Fort Trenholm Rd.  
Johns Island, SC 29455

Date	2/2/24
Tach	393.8
TSN	393.8

Engine: C/W Annual Inspection IAW Diamond DA40 Series Checklist. C/W AD 23-09-09 Failure of Spot-welded V-Band Clamps, N/A, not Turbo equipped. C/W AD 15-19-07 External Fuel Injector Lines, by visual inspection. C/W AD 22-16-03 S-1200 Mag Bearings, N/A by model. C/W AD 23-17-04 Stratus Oil Filter Adapter Gasket, part not installed. Drained oil cut/insp filter, no contaminants found. Compressions as follows: 1) 74/80, 2) 74/80, 3) 42/80, 4) 64/80. Removed #3 Cylinder. Installed new Cylinder Kit PN 05K21104, SN MS-598987. Installed new Oil Filter AA48110-2, serviced with 8qts Aeroshell 100 Mineral Oil. Replaced 3 Spark Plugs UREM38E, serviced remaining Plugs. C/W Powerflow Exhaust System Insp. C/W engine wash and ground run/break-in IAW SI 1427C. Post inspection systems/leak checks satisfactory.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

3541816 A&P IA

THIS PAGE  
TOTALS

PREVIOUS  
TOTALS

TOTALS  
SINCE NEW

CARRY FORWARD to Top of Next Page

WO# \_\_\_\_\_  
Reg# \_\_\_\_\_  
Mod# \_\_\_\_\_  
SN# \_\_\_\_\_

Engi  
Com  
servi

WC  
Reg  
Mod  
SN#

Eng  
Injec  
Com  
servi  
Repl  
run.

I CE  
INSP

— EN  
— EN  
— RE  
W  
30

En  
(1)  
right

The  
FAR  
"Per  
DAT

WO#  
Reg#  
Mode  
SN#

Engine  
new C  
inspec

VO#  
leg#  
Model#  
N#

engine.  
New Oil  
spectic

WO# 24-056  
Reg# N741CD  
Model# IO360M1A  
SN# L38339251E

**Interstate Turbine Management**  
2700 Fort Trenholm Rd.  
Johns Island, SC 29455

Date 3/15/24  
Tach 410.5

**LICENCE:**  
AME or  
AMO/ACA

Engine: C/W Oil and Filter change/Compression Test. Drained oil cut/insp filter, no contaminants found. Compressions as follows: 1) 75/80, 2) 76/80, 3) 76/80, 4) 70/80. Installed new Oil Filter AA48110-2, serviced with 8qts Phillips 20w-50 X/C. C/W engine wash and ground run, ops/leak checks satisfactory.

3541816 A&P IA

WO# 24-110  
Reg# N741CD  
Model# IO360M1A  
SN# L38339251E

**Interstate Turbine Management**  
2700 Fort Trenholm Rd.  
Johns Island, SC 29455

Date 6/20/24  
Tach 469.5  
TSN 469.5

Engine: C/W 100 HR Inspection IAW Diamond DA40 Series Checklist. C/W AD 15-19-07 External Fuel Injector Lines. Drained oil cut/insp filter, no contaminants found. Sent Blackstone Sample for analysis. Compressions as follows: 1) 76/80, 2) 78/80, 3) 76/80, 4) 70/80. Installed new Oil Filter AA48110-2, serviced with 8qts Phillips 20w-50. C/W Powerflow Exhaust System Insp. C/W 500hr L+R Magneto Insp. Replaced Contact Points, timed, and reinstalled with new Gaskets 649954. C/W engine wash and ground run. Post inspection systems/leak checks satisfactory.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

3541816 A&P IA

ENGINE MODEL  
ENGINE S/N:  
RE 741CD  
WC ORDER  
3002-07-2024

East Coast Aviation Service, Inc.  
2356 SE Liberator Lane  
Ste 203  
Stuart, FL 34996  
Phone: 772 781 0610

DATE: 7/22/24  
A/C TSN: 500.5  
ENG TT: 500.5  
TSM: 1  
HOBBS 663.7

Eng if/ius

(1) cleaned and gapped and rotated spark plugs, replaced 1 plug with UREM38E, adjusted timing on the right magneto to 25 deg BTC

The aircraft and/or component(s) on 741CD was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service  
"Pertinent details of the repair are on file at this repair station under Work Order No. 3002-07-2024"

DATE: 7/22/2024

SIGNED:

Work Order: 3002-07-2024

Inchard John Epler A&P 3104910

Printed by EBis 3 (datcomedia.com)

WO# 24-143  
Reg# N741CD  
Model# IO360M1A  
SN# L38339251E

**Interstate Turbine Management**  
2700 Fort Trenholm Rd.  
Johns Island, SC 29455

Date 7/31/24  
Tach 503.3

Engine: Drained oil cut/insp filter, no contaminants found. Sent Blackstone Sample for analysis. Installed new Oil Filter AA48110-2, serviced with 7qts Phillips 20w-50. C/W engine wash and ground run. Post inspection systems/leak checks satisfactory.

3541816 A&P IA

WO# 24-254  
Reg# N741CD  
Model# IO360M1A  
SN# L38339251E

**Interstate Turbine Management**  
2700 Fort Trenholm Rd.  
Johns Island, SC 29455

Date 12/19/24  
Hobbs 706.9  
Tach/Air 542.7

Engine: Drained oil cut/insp filter, no contaminants found. Sent Blackstone Sample for analysis. Installed new Oil Filter AA48110-2, serviced with 8qts Phillips 20w-50. C/W engine wash and ground run. Post inspection systems/leak checks satisfactory.

3541816 A&P IA