

N137BC

The Standard
ENGINE LOG

ASA-GE-2

YEAR 2025 DATE	RECORDING TACH TIME	TODAY'S FLIGHT TSMOH	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.)
7/1/25	524.9	414.5	838.7	TTA: 9697.5


Reg.: N137BC
 Model: O-360- A4M 7A
 SN: L-39355-36A 8498.7
 TTE: 8538.7/TSMOH:414.5

Universidad Interamericana
 School of Aeronautics
 Maintenance Record (Engine)

Date: 7/1/2025
 TTA:9697.5
 Tach:524.9

Event #3 Inspection was performed in accordance with Approved Piper PA-28-181, Archer III, Progressive Inspection Program, latest revision Jul.31, 2024.

I certify that this Engine has been inspected in accordance with an Event #3 work sheet and has been determined to be in Airworthy condition.


 David Rodriguez Negrón
 A&P3561472IA

YEAR 2025 DATE	RECORDING TACH TIME	TODAY'S FLIGHT TSMOH	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.)
8/8/2025	573.4	463.0	8547.2	TTA: 9746.0

Reg.: N137BC
 Model: O-360-A4M
 SN: L-39355-36A
 TTE:8547.2/TSMOH:463.0

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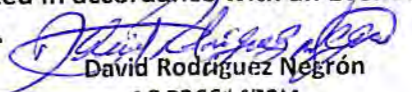
Date: 8/08/2025
 TTA:9746.0
 Tach:573.4

Event #4 inspection was performed in accordance with Approved Piper PA28-181, Archer III, Progressive Inspection Program, latest revision Jul. 31/2024.

Cylinders Compressions: (#1) 79/80, (#2) 80/80, (#3) 78/80, (#4) 77/80

Visually inspected Carburetor Throttle Body Screws in accordance with Lycoming Service Bulletin No. 366C instructions for compliance and no defects found.

I certify that this Engine has been inspected in accordance with an Event #4 work sheet and has been determined to be in airworthy Condition.


 David Rodriguez Negrón
 A&P3661472IA

YEAR
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HIGH PERFORMANCE ACCESSORY SERVICE

F.A.A. APPROVED R.S. QHPR074L

NOV 26, 2024. O-360-A4M L-39355-36A

THIS ENGINE IS O/H BY H.P. ACC. SERV. OF P.R. IN ACCORDANCE TO FACTORY RECOMMENDED PROCEDURES SPECIFICATION & PERTINENT AIR REGULATION.
 ALL GUIDELINE IN LYCOMING O/H MANUAL & TABLE OF LIMIT 60294-7-14 WERE FOLLOWED AT TIME O/H.
 ALL INTERNAL STEEL PARTS WERE MAGNAFLUXED & NON-FERRUOUS MATERIAL WERE DYE CHECKED FOR CRACK.
 ADS, SB COMPLIED CURRENT AS OF THIS DATE SEE LISTING
 AFTER FINAL ASSEMBLY THE ENGINE WAS TEST RUN IN ACCORDANCE TO LYCOMING O/H MAINT MANUAL PROCEDURES FOLLOWING O/H
 ALL TEMP, PRESS & PERFORMANCE WITHIN THOSE LIMIT AS PRESCRIBED BY THE FACTORY. THIS ENGINE IS AIRWORTHY & ACCEPTABLE FOR RETURN TO NORMAL SERVICE
 THIS ENGINE IS 0 SMOH AND TOTAL TIME IS, 8,084.2 HRS.
 CRANKCASE WAS REPAIRED BY R/S DB2R762K. CRANKSHAFT, PISTON QIN, ACC HOUCING, SUMP, GEARS WAS INSP BY R/S AEOR112E, CAMSHAFT, CONN. ROD (4), ROCKER ARM (8), LIFTER (8) & GEARS (1) WAS REPAIRED / INSP BY R/S DD2R764K. FUEL PUMP NEW BY R/S YV4R688M P/N AF15472 DATE 13/NOV/2024 S/N 1EVW20 CARB. WAS O/H BY V24R156B P/N 10-6102 S/N MS1D0402 DATE 15/JUL/2024. 4EA CYL. SUPERIOR NEW ASSY R/S PQ0060SW P/N SL36005W-A20P DATE 30/OCT/2024. 2EA MAG WAS O/H BY R/S QHPR074L SLICK P/N 4371, S/N D-12079, SLICK P/N 4370, S/N 20011259, STARTER WAS NEW BY R/S PQ1383CE-D, P/N 149/EC, S/N H-Y042620.

HIGH PERFORMANCE ACCESSORY SERVICE

F.A.A. APPROVED R.S. QHPR074L

NOV 26, 2024. O-360-A4M L-39355-36A

PARTS LISTING

DESCRIPTION	P/N	QTY	DESCRIPTION	P/N	QTY
BALL	SL1028B	1	OIL PRESS SPRING	SL61084	1
CRANKSHAFT BOLT	SLSTD2213	1	CRANKSHAFT BEARING	SL13884A	2
CONN ROD BOLT	SL75061	8	CRANKSHAFT BEARING	AEL11021	4
CONN ROD BEARING	SL13521A	8	CONN ROD NUT	SL12185	8
INTAKE HOSE	SL69603	8	HOSE	STD-1821	4
OIL IMPELLER KIT	SL18109AS	1	GASKET SET	SL75439-1	1
BOLT	LW25-1.25	8	OIL PUMP BODY	SL78531	1
CYL SUP	SL36006WA20P	8	CYL NUT	SLSTD2090	18
CYL NUT	SLSTD383B	16	TUBE	SL68761	2
BOLT	AN6-34A	1	TUBE	SL68760	1
FUEL PUMP	AF15472	1	TUBE	SL68759	1
THERMOVALVE	SL53E19600	1	HOOK	SL71610	2
PLUNGER	23D26777	1	SPARK PLUG	UREM40E	8
HARNES	KA12154	1	OIL FILTER	AA48110-2	1
HOSE	SL69603	4			
BOLT	SL31H-0.88	3			

H.P. Accessory Service

FAA RS QHPR074L

Wilfredo Delgado / AP3201010

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entries.)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S ELIGHT SMOH	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.)
1/16/2025	110.4	0.0	8084.2	TTA: 9283.0

Inter American University of Puerto Rico
School of Aeronautics
Maintenance Record (Engine)

N137BC
Model: O-360-A4M
SN: L-39355-36A
TTSN: 8084.2/ SMOH:0.0

Date: 1/16/2025
TTA: 9283.0
Tach: 110.4

Removed Engine Model O-360-A4M, S/N RL-36050-36A from this aircraft (N137BC) due to Propeller Strike on Dec.02/2024, ETT:7104.0, TSOH: 1,121.9.

Installed this Engine Model O-360-A4M S/N L-39355-36A overhauled by High Performance Accessory Service FAA Approved RS QHPR074L, Work Order #7182, with a total time 8084.2 hrs. and 0.0 hours SMOH. All work were done in accordance with PA-28-181 Archer III maintenance manual Chapter 71-00-00.

Engine Run Up performed following Lycoming service instructions No.1427C found satisfactory. All fuel, oil pressures and temperatures parameters readings were in normal range. Oil and fuel leak check, no leaks noted at this time. I certify that this engine has been inspected in accordance with 100/Annual inspection report Piper PA-28-181 Archer III, P/N 767-008 and was determined to be in airworthy condition.

David Rodriguez Negron
David Rodriguez Negron
A&P3661472IA

Engine Record General Information

Manufacturer LYCOMING Model O-360-A4M

Serial L-39355-36A Type Certificate TC E-286

This engine is currently installed in aircraft: _____

Minimum Octane Fuel 100/100 Oil Grade Summer SOW Winter 40W

Magneto Time 25° BTC Point Setting _____ Firing Order 1-3-2-4

Spark Plug Gap 1016 - .021

Manufacturer's Recommended Overhaul at 5000 hours