

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N4389X

Engine Manufacturer Lycoming

Model 10-360-C1C

Serial No. RL-36208-S1E

Date installed on aircraft 6-11-18

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



(All applicable information must be filled in)

AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965

(631) 765-9375

1-800-235-6444

FAX: (631) 765-9359

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Lycoming Engines is a division of Avco Corporation

652 Oliver Street
Williamsport, PA 17701 U.S.A
570/323-6181

PACKING LIST

ORDER NUMBER
176270

ORDER DATE
27-MAY-21

SHIPPING TERMS EX-WORKS	FREIGHT TERMS Prepaid & ATI	SALES PERSON Western	DELIVERY NAME 5222611	MS NUMBER MS-548958
CARRIER Fed Ex-Standard Overnight	PAYMENT TERMS 1% 20 NET 30	WAYBILL NUMBER 943440773485		
CUSTOMER PURCHASE ORDER NO. PWA1065	SHIPMENT DATE 27-MAY-21	LOCATION	TOTAL WEIGHT 144 LBS	TOTAL PACKAGES 4

SHIP TO: **AIR POWER INC**
RRG SOFTWARE
8622 GIBBS RD
SAN DIEGO, CA, 92123

United States

BILL TO: **AIR POWER INC**
4900 SOUTH COLLINS

ARLINGTON, TX, 76018

United States

FORWARDER:

LINE/ CLIN	PART NUMBER / DESCRIPTION	HTS CODE	COUNTRY OF ORIGIN	UOM	ORDER QTY	SHIP QTY	BKORD QTY
1.1	05K21120 - KIT-CYL PISTON/RING ASSY	8409.99.9 910	US	EA	4	4	0

The Export Classification Control Number (ECCN) for this product is 9A991(d)
'Aircraft parts and components, n.e.s.' New and Rebuilt Engines and Parts produced and/or supplied under FAA
production Certificate 3.

Overhauled Engines and Parts produced and/or supplied under FAA Repair Station Certificate EJ1R115K. Engines
FAA inspected and tagged for export for commercial civil aircraft use. These items are controlled by the U.S.
Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or
end-user(s) herein identified. They may not be resold, transferred, or otherwise
disposed of to any other country or to any person other than the authorized ultimate consignee or end-user(s), either
in their original form or after being incorporated into other items, without first obtaining approval from the U.S.
Government or as otherwise authorized by U.S. law and regulations. United States law currently prohibits export of
these commodities to Cuba, Iran, North Korea, Syria, and Republic of Sudan,
unless otherwise authorized by the United States. An export license from the United States is also required
if these commodities are destined for a military end-use or military end-user in Russia, Venezuela, or China.

See <<http://www.bis.doc.gov/>>. Country of origin is the United States of America.

The Buyer agrees and certifies if knowledge that the commodity may be used in violation of U.S. laws or U.N.
resolutions related to proliferation of weapons of mass destruction (missiles, nuclear, chemical or biological), terrorist
or narcotics activities the Seller shall be given immediate notice.
Schedule B # 8409100040

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: MS-548958	
4. Organization Name and Address: LYCOMING ENGINES 652 OLIVER STREET WILLIAMSPORT, PA 17701			PRODUCTION CERTIFICATE #3		5. Work Order/Contract/ Invoice Number: 176270/5222611
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/ Work:
1.1	KIT-CYL PISTON/RING ASSY	05K21120	4	N/A	NEW
12. Remarks: AIRWORTHINESS APPROVAL PARTS AIR POWER INC					
13a. Certifies the items identified above were manufactured in conformity to: - Approved Design data and are in a condition for sale operation. - Non-approved design data specified in Block 12.		14a. 14 CFR 43.9 Return to Service - Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:		14c. Approval/Certificate No.:	
<i>J. DABACK</i>	ODA830878NE				
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):		
J. DABACK	27-MAY-2021				
User/Installer Responsibilities					
It is important to understand the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					
FAA Form 8130-3 (02-14)					

NSN: 0052-00-012-9005

LYCOMING™**Record of Accessories and Major Parts Shipped with Engine**Model No: **IO-360-C1C**Serial No: **RL-36208-51E**ENPL: **RENPL-RT8612**Order No: **KM711699**TC No: **1E10**Date: **11-APR-2018**

Inspector:



All accessories listed are 0 (zero) time since New or 0 (zero) time since Overhaul. All accessories are new unless part number is succeeded by -85 or -70

<u>Part Name</u>	<u>Part Number</u>	<u>Manufacture</u>	<u>Serial#</u>	<u>Setting</u>
Crankcase Match No	11B20151-1SL-85		6177C	
Crankshaft Serial No	13B47128		V537973777	
Fuel Pump	62B26931	Lycoming	RC39171543	
Ignition Harness - Left	67P20419	SLICK		
Ignition Harness - Right	67P20418	SLICK		
Injector	61J26432	Avstar	AV26550428	AV2524450-9
Magneto - Left	66GC15SFNN	SLICK	18020247	
Magneto - Right	66GP-0SANN	SLICK	18020753	
Spark Plug	1182-E7	Champion		

Std Run-in Data Sheet

Engine #: RL-36208-51E	Model #: IO-360-C1C	Order #: KM711699	Preservation : LPS 486
Operator 1: Z. DIMAIO	Accept/Date : <u>4-9-18</u>	Test Mode : Final	Part 3.2 Test
Operator 2:	Accept/Date : <u>[Signature]</u>	BOM : RENPL-RT8612	Sign : <u>[Signature]</u>
Fuel Serial #: AV26550428	Ignition Left : 18020247	Ignition Right : 18020753	
Fuel Slave : NO	Ignit_L Slave : NO	Ignit_R Slave : NO	SW Rev : LSW20001-B LCY
Fuel Curve: C-13135-E	Float Bowl Connected to Fuel Pump Inlet : YES		Barometer : 29.92
Pre-Oil Temp : 167	Pre-Oil Pres : 80	Setting # : AV2524450-9	Read Time : 4/9/18 13:08
ETS # : 634	ETS Rev : EC0-26217	Date/Time : 4/9/18 11:50	Test Status : Pass

Comments

Variations

The following minor variations to the applicable engine test specification were observed during this test and determined to be acceptable 'as is'. The acceptance of these variations will not affect air worthiness or performance.

1) NOZZLE Pressure 25" Low @ 110048

2)

3)

4)

Engr. [Signature] Date 4/10/18

When / Test	Low Limit	Value	High Limit	Status
2 Runin @ 1500 for 5 min				
Allowable Speed Variation (RPM)	-75	0.8	75	Pass
Cylinder Head Temperature (DegF)		249	475	Pass
Inlet Air Temp (DegF)	0	55	110	Pass
5 Runin @ 1800 for 10 min				
Allowable Speed Variation (RPM)	-75	4.3	75	Pass
Cylinder Head Temperature (DegF)		278.4	475	Pass
Inlet Air Temp (DegF)	0	56.4	110	Pass
8 Runin @ 2200 for 10 min				
Allowable Speed Variation (RPM)	-75	2.2	75	Pass
Cylinder Head Temperature (DegF)		337.4	475	Pass
Inlet Air Temp (DegF)	0	57.1	110	Pass
11 MagChk @ 2200 for 1 min				
Magneto Dropoff - Each Mag (RPM)		97.2	150	Pass
Magneto Dropoff - Difference (RPM)		6.1	35	Pass
Cylinder Head Temperature (DegF)		334.9	475	Pass
Inlet Air Temp (DegF)	0	57.1	110	Pass
15 Idle @ 0 for 4 min				
Idle Speed (RPM)	600	684.7	700	Pass
Cylinder Head Temperature (DegF)		301.1	475	Pass
Oil Pressure @ Idle (PSI)	25	48.5		Pass
Inlet Air Temp (DegF)	0	56.4	110	Pass

Std Airflow Data Sheet

Engine # : RL-36208-51E	Model # : IO-360-C1C	Order # : KM711699
Operator 1: Z. DIMAIO	Accept/Date : <u>4-9-18</u>	Test Mode : Final
Operator 2:	Accept/Date : <u>[Signature]</u>	BOM : RENPL-RT8612
Fuel Serial # : AV26550428	Ignition Left : 18020247	Ignition Right : 18020753
Fuel Slave : NO	Ignit_L Slave : NO	Ignit_R Slave : NO
Fuel Curve: C-13135-E	Float Bowl Connected to Fuel Pump Inlet : YES	SW Rev : LSW20001-B LCY
Pre-Oil Temp : 167	Pre-Oil Pres : 80	Barometer : 29.92
ETS # : 634	ETS Rev : ECO-26217	Setting # : AV2524450-9
	Date/Time : 4/9/18 13:26	Read Time : 4/9/18 13:57
		Test Status : Review

Comments

Variations

The following minor variations to the applicable engine test specification were observed during this test and determined to be acceptable 'as is'. The acceptance of these variations will not affect air worthiness or performance.

- 1) _____
 - 2) _____
 - 3) _____
 - 4) _____
- Engr. _____ Q.C. _____ Date _____

When / Test	Low Limit	Value	High Limit	Status
3 Airflow @ AF-500 for 4 min				
Fuel Flow Limits (PPH)	38.6	45.26	47.8 @ AF-496	Pass
Fuel Nozzle Limits ("HG)	N/A	3.33	N/A	Pass
Cylinder Head Temperature (DegF)		291.3	475	Pass
Inlet Air Temp (DegF)	0	55.4	110	Pass
5 Airflow @ AF-900 for 4 min				
Fuel Flow Limits (PPH)	71.7	72.2	77.8 @ AF-909	Pass
Fuel Nozzle Limits ("HG)	8.1	8.5	8.8 @ AF-909	Pass
Cylinder Head Temperature (DegF)		371.6	475	Pass
Inlet Air Temp (DegF)	0	57	110	Pass
7 Airflow @ AF-1100 for 4 min				
Fuel Flow Limits (PPH)	85.5	88.79	93.4 @ AF-1093	Pass
Fuel Nozzle Limits ("HG)	12.5	12.25	13.9 @ AF-1093	Review
Cylinder Head Temperature (DegF)		396.6	475	Pass
Inlet Air Temp (DegF)	0	57.4	110	Pass
9 Rated @ Rated for 15 min				
Rated Speed (RPM)	2650	2728.6	2750	Pass
Manifold Pressure @ Rated ("HG)	26.5	27.96	28.5	Pass
Fuel Pressure @ Rated (PSI)	18	27.4	28	Pass
Oil Pressure @ Rated (PSI)	75	77.2	85	Pass
Air Flow Limits (PPH)	1114.2	1140.59		Pass
Cylinder Head Temperature (DegF)		402.5	475	Pass
Oil Gallery Temp @ Rated (DegF)	165	188.3	215	Pass
Inlet Air Temp (DegF)	0	58	110	Pass
12 Final_Idle @ 0 for 4 min				
Idle Speed (RPM)	600	676.9	700	Pass
Cylinder Head Temperature (DegF)		308	475	Pass
Oil Gallery Temp @ Final_Idle (DegF)	140	177.6	215	Pass
Oil Pressure @ Idle (PSI)	25	48.1		Pass
Manifold Pressure @ Final Idle (In Hg)	8	12.9	17	Pass
Inlet Air Temp (DegF)	0	56.7	110	Pass
14 Manual @ N/A for 0 min				
Acceleration Check (sec)	2	3	5	Pass
Idle Cut-off Time (sec)	0	4	5	Pass
Engine # : RL-36208-51E				
Date/Time : '4/9/18 13:26				



Hose Shop 8045 Woodley Ave, Van Nuys, CA 91406

Phone: 818-997-5061

Fax: 818-997-5061

WWW.AVIALL.COM

TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such parts and/or materials are new and are in condition for safe operation.

Aviall Order Number: 1004055890

0020: 124F001-3CR0380	1 ea.	0030: 124F001-4CR0130	1 ea.
0040: 124F001-4CR0166	1 ea.	0050: 124J001-6CR0124	1 ea.
0060: 124F001-6CR0292	1 ea.	0070: 124F001-8CR0272	1 ea.
0080: 124F001-8CR0324	1 ea.		

Signed: _____

Date: 05/04/2018

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43. If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

Pacific Oil Cooler Service, Inc.

1677 Curtiss Court
LaVerne, CA 91750
Phone: (909) 593-8400
Fax (909)-593-8499
w.oilcoolers.com



Printed On: 05/10/2018

Work Order:**125903**

RECEIVED AS:

OVERHAUL

W/O DATE:

05/01/2018**Customer Information:**

PO / Ref Number: N/A

Name: **ADVANCED AIRCRAFT SERVICE**

Location:

Address: **SAN DIEGO, CA 92123**Contact: **DAVID EDDO**Phone: **858-560-7599****Component Information:** Qty: 1 Type: **OIL COOLER**Mfg: **HARRISON**P/N: **8537820**Alt. P/N: **555-362**S/N: **75H-1703****Special Instructions:** Data Plate? No 7th Stud? No Manual Location:Bin Location: **5010****Items Attached to Component:****Fittings:****OVERHAULED
NORMAL PROCESS**

Valve Body:

S/N:

Vernatherm:

S/N:

Vernatherm:

S/N:

Task Description:		Work Performed	Tech:	Insp:
BEAD BLAST	Bead Blast		JA	I2
BI DIRECTION FLUSH	Bi-Directional Flush		JA	I2
DISASSEMBLY	Dissassemble as required		JA	I2
DRAIN - BLOW DRY	Drain and Blow Dry		JA	I2
ADJUSTMENT	Fin Straightening as Required		JA	I2
FINAL PRESSURE TEST	Final Pressure Test		JA	I2
FLUSH HV	High Volume Flush		JA	I2
INIT INSPECTION	Initial Inspection		JA	I2
INSP CRACKS - LEAKS	Inspect Unit for cracks and leaks		JA	I2
IRIDITE	Protective Coating as Required		JA	I2
MATE FLUSH	Mate Units with Flushing Benches		JA	I2
PRESSURE TEST	Initial Pressure Test		JA	I2
VAPOR DEGREASER	Clean inside and Outside		JA	I2
PROTECTIVE SEAL	Apply Protective Seal as Required		RG	I2
FINAL INSPECTION	Final Inspection		FS	I2
INIT INSPECTION	Initial Inspection		FS	I2

Final Result: Overhauled IAW FAA Approved POCS process specification #001 Rev E Dated 21/Nov/2005


The component identified herein was repaired and inspected in accordance with current regulations of the Federal Aviation Agency, and is approved for return to service.

Signature of Final Inspector:

MAY 10 2018

FINAL INSPECTION PERFORMED BY:

DATE:

1. Approving Civil Aviation Authority / Country: FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 125903	
4. Organization Name and Address: Pacific Oil Cooler Service, Inc. 1677 Curtiss Court, La Verne, CA 91750				5. Work Order/Contact/Invoice No 125903		
6. Item: 7. Description:		8. Part Number:		9. Quantity:		10. Serial Number:
1		OIL COOLER		8537820		555-362
				1		75H-1703
						OVERHAULED
11. Status/Work:						
12. Remarks: Work Order Number (Block 5) describing the actual work performed is attached. The described work was performed in accordance with Harrison Spec. HES-62-77F, dated 01/Sep/1979. No applicable Airworthiness Directives work / status. Certifies that the work specified in Blocks 11/12 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number: EASA.145.5554						
13a. Certified the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12						
13b. Authorized Signature		13c. Approval/Authorization No:		14a. <input checked="" type="checkbox"/> 14 CRF 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		14b. Authorized Signature: 
13d. Name (Type or Print)		13e. Date (dd/mm/yyyy):		14d. Name (Type or Print)		14e. Date (dd/mm/yyyy):
				Francisco Sierra		10/May/2018
User / Installer Responsibilities						
It is important that the existence of the document alone does not automatically constitute authority to install the aircraft engine/propeller/article. When the user / installer performs the work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that that user / installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Block 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						


1. Approving National Aviation Authority / Country: FAA / United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 18-032
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4. Organization Name and Address: TRUE SPEED AERO GOVERNORS, INC., 7900 Balboa Blvd., Hangar M-12, Van Nuys, CA 91406 (T6GR183N)		5. Invoice Number: 18030	
6. Item:	7. Description:	8. Part Number:	9. Quantity
1	Propeller Governor	F-2-7A	1
		Serial Number	5423 W
		Status /Work	OVERHAULED

12. Remarks:

Overhauled, bench tested and set to manufacturer's specifications per Hartzell manual 130B, rev. 20

Pertinent details of the work performed are on file at this agency under Work Order # 18-032

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
13b. Authorized Signature:	14b. Authorized Signature: 
13c. Approval/Authorization No.:	14c. Approval / Certificate No.: T6GR183N
13d. Name (Typed or Printed):	14d. Name (Typed or Printed): Martin Schmid
13e. Date:	14e. Date: (dd/mm/yyyy) 10 / APR / 2018

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Pacific Oil Cooler Service, Inc.

1677 Curtiss Court
LaVerne, CA 91750
Phone: (909) 593-8400
Fax (909)-593-8499
w.oilcoolers.com



Printed On: 05/10/2018

Work Order:**125903**

RECEIVED AS:

OVERHAUL

W/O DATE:

05/01/2018**Customer Information:**

Name: ADVANCED AIRCRAFT SERVICE
Address: SAN DIEGO, CA 92123
Contact: DAVID EDDO

PO / Ref Number: N/A

Location:

Phone: 858-560-7599

Component Information: Qty: 1 Type: OIL COOLER
P/N: 8537820 Alt. P/N: 555-362

Mfg: HARRISON
S/N: 75H-1703

Special Instructions: Data Plate? No 7th Stud? No Manual Location: Bin Location: 5010

Items Attached to Component:**Fittings:****OVERHAULED
NORMAL PROCESS**

Valve Body:
Vernatherm:
Vernatherm:

S/N:
S/N:
S/N:

Task Description:		Work Performed	Tech:	Insp:
BEAD BLAST	Bead Blast		JA	I2
BI DIRECTION FLUSH	Bi-Directional Flush		JA	I2
DISASSEMBLY	Dissassemble as required		JA	I2
DRAIN - BLOW DRY	Drain and Blow Dry		JA	I2
ADJUSTMENT	Fin Straightening as Required		JA	I2
FINAL PRESSURE TEST	Final Pressure Test		JA	I2
FLUSH HV	High Volume Flush		JA	I2
INIT INSPECTION	Initial Inspection		JA	I2
INSP CRACKS - LEAKS	Inspect Unit for cracks and leaks		JA	I2
IRIDITE	Protective Coating as Required		JA	I2
MATE FLUSH	Mate Units with Flushing Benches		JA	I2
PRESSURE TEST	Initial Pressure Test		JA	I2
VAPOR DEGREASER	Clean inside and Outside		JA	I2
PROTECTIVE SEAL	Apply Protective Seal as Required		RG	I2
FINAL INSPECTION	Final Inspection		FS	I2
INIT INSPECTION	Initial Inspection		FS	I2

Final Result: Overhauled IAW FAA Approved POCS process specification #001 Rev E Dated 21/Nov/2005

The component identified herein was repaired and inspected in accordance with current regulations of the Federal Aviation Agency, and is approved for return to service.

Signature of Final Inspector:

MAY 10 2018

FINAL INSPECTION PERFORMED BY:

DATE:

DA7

LYCOMING**Rebuilt Engine Certificate of Conformance**

This is to certify that the engine as described hereinafter has been REBUILT in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number RENPL-RT8612
 Serial Number RL-36208-51E
 Engine Model IO-360-C1C
 Work Order KM711699
 Total Time 0

Charles Russ 4/11/18
 Authorized Representative Date

Production Certificate #3

652 Oliver Street Williamsport, PA 17701 U.S.A.
 Lycoming Engines is a division of Avco Corporation

Form 2481 Rev 05/13

Advanced Aircraft Service
 8622 Gibbs Dr.

San Diego, CA. 92123

858-560-7599 Fax 858-560-7507

CESSNA / BEECHCRAFT SERVICE CENTER

Date: 6/11/18 N#: N4389X S/N: 28R-7635034

Tach: 5281.94 hr TT: "0" hr TTSMOH: "0" hr

Installed Owner supplied Lycoming Factory Reman IO-360-C1C S/N RL-36208-51E in this Aircraft N4389X, Installed new engine mounts, all new oil and fuel flex hoses from Aviall, Governor S/N 5423W overhauled by True Speed Aero Governor W.O.# 18030, Vacuum pump not replaced, Oil cooler S/N 75H-1703 overhauled by Pacific Oil Cooler Service W.O.# 125903, New scat hoses installed, Added 8qts Shell 100 oil, C/W AD2017-14-04 new type D hoses installed, AD2015-19-07 (e) (i) per SB 342G

AP

AP3841036

-----END-----

Advanced Aircraft Service
 8622 Gibbs Dr.

San Diego, CA. 92123

858-560-7599 Fax 858-560-7507

CESSNA / BEECHCRAFT SERVICE CENTER

Date: 6/11/18 N#: N4389X S/N: Motor RL-36208-51E

Tach: 5281.94 hr TT: "0" hrs TTSMOH: "0" hrs

This Motor has been inspected I/A/W FAR Part 43 Appendix D. using Current Aircraft Maintenance Manual as a guide to complete an Annual Inspection, and was determined to be in an airworthy condition at this time.


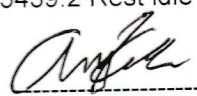
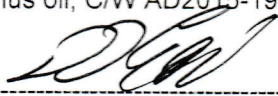
IA

IA3467663

-----END-----

SUB-TOTALS this page

TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Advanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123 858-560-7599 Fax 858-560-7507 CESSNA SERVICE CENTER				
Date: August 07, 2018 N#: 4389X Model: PA28R-200 S/N: 28R-7635034 Tach: 5381.8 Engine Model: IO-360-C1C Engine Serial: RL-36208-51E				
Removed old 12v starter P/N: SRZ-9021 S/N: 1040643 and installed new 12/24v starter P/N: 149NL S/N: H-S021301. Performed ground start up and found satisfactory. All work was performed in accordance with all current applicable service manuals. I certify the work accomplished to be airworthy at this time and return to service.				
<div style="display: flex; justify-content: space-between;"> Jerman Isac Ramos  A&P: 3818250 </div> <div style="text-align: center;">-----END-----</div>				
Advanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123 858-560-7599 Fax 858-560-7507 CESSNA \ BEECHCRAFT SERVICE CENTER				
Date: 07-03-18 N#: N4389X S/N: Tach: 5339.2 TT: TTSMOH:				
Drained oil inspected oil filter and suction screen. Installed new oil filter CH48110-1 Serviced with 7qts of AeroShell w100 plus Installed new cylinder #3 valve cover gasket pt#08-01316 C/W AD2015-19-07 (e)(i) per MSB342G due at 5439.2 Rest idle and idle mixture. Preformed ground run check good.				
<div style="display: flex; justify-content: space-between;">  AP 3841036 </div> <div style="text-align: center;">-----END-----</div>				
Advanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123 858-560-7599 Fax 858-560-7507 CESSNA / BEECHCRAFT SERVICE CENTER				
Date: 8/30/18 N#: N4389X S/N: Tach: 5429.9 hr TT: TTSMOH:				
Drained oil, inspected screen and filter, installed CH48110-1 filter, added 8qts Shell 100 Plus oil, C/W AD2015-19-07 (e) (ii) due again at 5529.9 hr				
<div style="display: flex; justify-content: space-between;">  AP3467663 </div> <div style="text-align: center;">-----END-----</div>				

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TOTALS-Carry forward to next page

Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA SERVICE CENTER

Date: October 24, 2018 N#: 4389X Model: PA28R-200 S/N: 28R-7635034
 Tach: 5526.6 Engine Model: IO-360-C1C Engine Serial: RL-36208-51E

Drained oil, removed and inspected oil filter. Removed oil suction screen, inspected, cleaned and replaced with a new crush gasket P/N: MS35769-21. Installed new oil filter P/N: CH48110-1 and serviced with 7 quarts of Aeroshell 100w plus. Complied with AD76-07-12 and AD2015-19-07, next due at 5626.6

Performed ground run up and was found satisfactory.

All work was performed in accordance with all current applicable service manuals. I certify the work accomplished to be airworthy at this time and return to service.

Jerman Isac Ramos



A&P: 3818250

-----END-----

Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA & BEECHCRAFT SERVICE CENTER


Date: 12/31/18 N#:4389X Tach: 5624.8 TSN: 342.86

Drained oil, refilled with 8 Qts Aeroshell 100 W Plus oil.
 Inspected and cleaned oil sump screen. Inspected and replaced oil filter CH48110-1.

Guy LaPlante



A&P 3892552

12-31-18 Tach 5624.8 C/W 76-07-12 1.(a)(b)(c)
 AD 2015-19-07(e)(i) both due again e
 5724.8 hrs  AR 3487663

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TOTALS-Carry forward to next page

Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA & BEECHCRAFT SERVICE CENTER

Date: 3/20/19 N#:4389X Tach: 5721.1 TSN: 439.16

Drained oil, refilled with 8 Qts Aeroshell 100 W Plus oil.
 Inspected and cleaned oil sump screen. Inspected and replaced oil filter CH48110-1.

CW A.D. 2015-19-07 Fuel Injector lines by visual inspection, replaced # 1 and #3 cylinder
 push rod tube clamps to injector lines P/N LW16266-10-75, next due tach 5821.1.

Guy LaPlante  A&P 3892552

Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA SERVICE CENTER

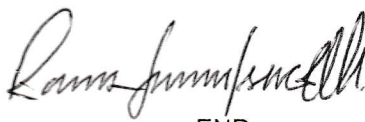
Date: May 7, 2019 N#: 4389X Model: PA28R-200 S/N: 28R-7635034
 Tach: 5810.7 Engine Model: IO-360-C1C Engine Serial: RL-36208-51E

Drained oil, removed and inspected oil filter. Removed oil suction screen, inspected, cleaned and
 replaced with a new crush gasket P/N: MS35769-21. Installed new oil filter P/N: CH48110-1 and serviced
 with 8 quarts of Aeroshell 15W-50. Complied with AD76-07-12 and AD2015-19-07, next due at 5910.7

Performed ground run up and was found to be satisfactory.

All work was performed in accordance with all current applicable service manuals. I certify the work
 accomplished to be airworthy at this time and return to service.

Jerman Isac Ramos



A&P: 3818250

-----END-----


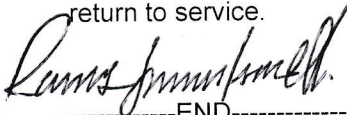
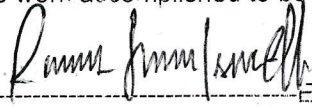
Date 6 Jul 19 TSN 578.1 Engine Lyc IO-360-C1C Reg N4389X
 Tach 5860.0 s/n RL-36208-51E Model PA28R-200

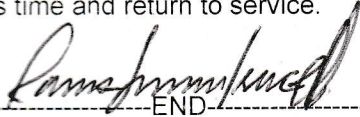

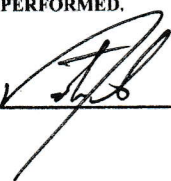
-100h inspection per Piper Service Manual
 -changed oil, serviced engine with Aeroshell W100Plus, cut filter open no metal found
 -compressions tested 78, 78, 78, 76 over 80
 -inspected fuel injector lines iaw AD2015-19-07 c/w
 -Ran up satisfactory
 I certify that this **Engine** has been inspected in accordance with an
 annual inspection and was determined to be in airworthy condition and returned to service
 Stefan A Uerguen A&P 2451974 IA



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TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
	Date 9 Sep 19	TSN 667.2	Engine Lyc IO-360-C1C	Reg N4389X
	Tach 5949.1	s/n RL-36208-51E	Model PA28R-200	
	-inspected fuel injector lines iaw AD2015-19-07 c/w Stefan A Uerguen A&P 2451974 IA			
				
<p align="center">Advanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123 858-560-7599 Fax 858-560-7507 CESSNA SERVICE CENTER</p> <p>Date: November 15, 2019 N#: 4389X Model: PA28R-200 S/N: 28R-7635034 Tach: 6048.4 Engine Model: IO-360-C1C Engine Serial: RL-36208-51E</p> <p>Removed and inspected oil filter, removed oil suction screen, inspected, cleaned and reinstalled with crush gasket P/N: MS35769-21. Installed new oil filter P/N: CH48110-1 and serviced with 7 quarts of Aeroshell 15w-50. Complied with AD 2015-19-07 fuel injectors and fuel lines, paragraph E "compliance", sub-paragraph 1 (ii), next due at 6148.4 tach time hours. Installed new governor gasket P/N: AA9144. Removed and installed forward exhaust stack to be reworked on. All work was performed in accordance to all current applicable service manuals. I certify the work accomplished to be airworthy at this time and return to service.</p> <p>Jerman Isac Ramos  A&P: 3818250 -----END-----</p>				
<p align="center">Advanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123 858-560-7599 Fax 858-560-7507 CESSNA SERVICE CENTER</p> <p>Date: November 27, 2019 N#: 4389X Model: PA-28R-200 S/N: 28R-7635034 Tach: 6069.7 Engine Model: IO-360-C1C Engine Serial: RL-36208-51E</p> <p>Removed old right magneto and replaced with (owner supplied) ^{New} serviceable magneto P/N: 4370 S/N . Timed magneto to 20 degrees before TDC. Performed ground run up and was found to be satisfactory at this time. All work was performed in accordance to all current applicable service manuals. I certify the work accomplished to be airworthy at this time and return to service.</p> <p>Jerman Isac Ramos  A&P: 3818250 -----END-----</p>				
				SUB-TOTALS this page
				TOTALS -Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<p align="center">Advanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123 858-560-7599 Fax 858-560-7507 CESSNA SERVICE CENTER</p> <p>Date: January 16, 2020 N#: 4389X Model: PA28R-200 S/N: 28R-7635034 Tach: 6145.3 Engine Model: IO-360-C1C Engine Serial: RL-36208-51E</p> <p>Drained oil, removed and inspected oil filter. Removed, inspected and cleaned oil suction screen and reinstalled with new crush gasket P/N: AN900-16. Installed new oil filter CH48110-1 and serviced engine with (owner supplied) 8 quarts of Aeroshell 15w-50 oil. Installed new (owner supplied) Surefly electronic ignition mag P/N: SIM4P S/N: 4P-2319007 per STC#: SE04349CH using document supplied by Surefly, for engine installation document #: SF1001 Revision B, for airframe installation document #: SF2001 Revision IR were used. Installed new governor gasket P/N: AA9144 and new O-ring on governor AN fitting P/N: MS28778-6. Performed ground run up and was found to be satisfactory at this time. Complied with A.D 76-07-12 paragraph 1 sub paragraph (A-C) next due at 6245.3. Complied with A.D 2015-19-07 paragraph E 'compliance' sub paragraph 1 (ii) next due at 6245.3. All work was performed in accordance to all current applicable service manuals. I certify the work accomplished to be airworthy at this time and return to service.</p> <p><i>Jerman Isac Ramos</i>  A&P: 3818250 -----END-----</p>				
<p align="center">  360 Victory Aviation </p> <p> Manufacturer: Piper Model: PA-28R-200 SER: 28R-7635034 </p> <p align="center"> MAINTENANCE 1987 N. Marshall Ave. Hangar 99 El Cajon, CA 92020 </p> <p align="right"> 02 FEB 2020 Tach: 6145.3 W/O# 115 </p> <p>This Airframe on N4389X Had Serviceable Hydraulic Pump P# 96671-02 Replaced I.A.W. Piper Service Manual Section 2D9. Serviced Reservoir with Hydraulic Fluid 5606. Gear Swing and Ground Check Performed. Test Flight is Satisfactory.</p> <p>I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR IT IS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.</p> <p>Date: 02 FEB 2020 Victor Avalos A&P38154671A</p> <p>Signed: </p>				
SUB-TOTALS this page				
TOTALS-Carry forward to next page				

Date: May 20, 2020 N#: 4389X Model: PA28R-200 S/N: 28R-7635034
Tach: 6301.3 Engine Model: IO-360-C1C Engine Serial: RL-36208-51E

Drained oil, removed and inspected oil suction screen, no abnormalities noted at this time. Installed new crush gasket P/N: AN900-16. Removed and inspected oil filter element, no abnormalities noted at this time. Installed oil filter P/N: CH48110-1 and service engine with 8 quarts of Aeroshell 15W-50. Complied with A.D 2015-19-07 fuel injector lines paragraph (E) sub-paragraph (1) follow up paragraph (ii). Performed ground run, leak checked and was found to be satisfactory at this time. All work was performed in accordance to all current applicable service manuals. I certify the work accomplished to be airworthy at this time and return to service.

Jerman Isac Ramos

A&P: 3818250

END



360 Victory Aviation

Manufacturer: Lycoming
Model: IO-360-C1C
SER: L-145335-1A

MAINTENANCE
1987 N. Marshall Ave. Hangar 99
El Cajon, CA 92020

19 MAR 2020
Tach: 6191.4
W/O#117

This Engine on N4389X Engine Oil Replaced With 7 Qt's AeroShell W15W-50, Oil Filter Replaced CH48110-1 I.A.W. Lycoming Service Manual. Cut Old Oil Filter Nothing to Note. Run-Up Is Good No Leaks Noted.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR IT IS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

Date: 19 MAR 2020
Victor Avalos A&P3815467IA

Signed: _____

Date: June 27th, 2020

Tach: 6356.2

Hobbs: 2964.7

N4389X

Model: PA28R-200 S/N: 28R-7635034

Engine Model: IO-360-C1C

Engine S/N: RL-36208-51E

TSFR/TSMO: 1017.3

Engine Oil replaced with 7 Qts. Aeroshell 15W50. Oil filter replaced CH48110-1. Eng ground runup OK.

Complied with AD 76-01-12 R1 Ignition switch by ops check. Next due at 6456.2

Complied with AD 2015-19-07 Fuel Injector fuel lines by visual inspection. Next due at 6466.2

I CERTIFY THE WORK OUTLINED ABOVE WAS PERFORMED IN ACCORDANCE TO 14 CFR. IT IS FOUND TO BE IN AN AIRWORTHY CONDITION AND ITS APPROVED FOR RETURN TO SERVICE

Dmitriy Septarov

A&P 4084242

Date: 04/16/2020 Tach/TT: 6250.6 Reg: N4389X S/N: 28R-7635034
Engine oil replaced with 7 Qts Aeroshell 15W50 & Oil filter with CH48110-1
IAW Manufacturer's manual, Ground run up ok.
Complied with AD 76-01-12 R1 Ignition switch by Ops Check. Next due 6350.6

R. Giron/Owner

CSEL 3725178

DATE

S

Advanced Aircraft Service**8622 Gibbs Dr.****San Diego, CA. 92123****858-560-7599 Fax 858-560-7507****CESSNA / BEECHCRAFT SERVICE CENTER**

Date: 8/14/20

N#: N4389X

S/N: Motor RL-36208-51E

Tach: 6422.4 hr

TT: 1140.5 hr

TTSMOH:

R & R exhaust for slip joints repair, R & R prop governor S/N5423 W for repair by Truespeed Aero Governor W.O.# 20079, Tightened alternator belt, C/W AD2015-19-07 (e) (i)

Drained oil, inspected screen and filter, added 8qts Shell 15w50 oil

Compression #1 75/80 #2 78/80 #3 78/80 #4 78/80

This Motor has been inspected I/A/W FAR Part 43 Appendix D. using Current Aircraft Maintenance Manual as a guide to complete an Annual Inspection, and was determined to be in an airworthy condition at this time.

IA3467663

END

RMING WORK

Advanced Aircraft Service**8622 Gibbs Dr.****San Diego, CA. 92123****858-560-7599 Fax 858-560-7507****CESSNA / BEECHCRAFT SERVICE CENTER**

Date: 10/2/20

N#: N4389X

S/N:

Tach: 6467.4 hr

TT:

TTSMOH:

Installed owner supplied 4370 S/N 18020753 right mag after repair by Aero Acc of Van Nuys

AP3467663

END

Advanced Aircraft Service**8622 Gibbs Dr.****San Diego, CA. 92123****858-560-7599 Fax 858-560-7507****CESSNA SERVICE CENTER****ENGINE LOG**

Aircraft: Piper PA-28R-200
TACH: 6520.4

N4389X

Hobbs: 3156.0

S/N: 28R-7635034
11-12-2020

- Drained engine oil
- Added 7 quarts of aeroshell 15w50
- Removed oil filter and inspected element. Results were satisfactory at this time
- Installed approved oil filter and safety wire fastened.
- Removed spark plugs inspected, cleaned and gapped
- Complied with AD2011-18-07
- Operational tests were performed on all forementioned work, results are satisfactory at this time.
- All forementioned work was done in accordance with approved piper maintenance manuals and ac43.13-1b,2b.

Bryan Buis

A/P4393611

SUB-TOTALS this page**TOTALS**-Carry forward to next page

Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA SERVICE CENTER

RK

Aircraft: Piper PA-28R-200
TACH:6609.7

Engine Log
N4389X
Hobbs:3258.0

S/N: 28R-7635034
01-6-2021

- Performed 50hour oil change.
- Drained oil and removed oil filter.
- Cut filter open and inspected filter element.
- Replaced oil filter with a new champion oil filter Part #ch48110-1.
- Replaced engine oil with 7Qts of aeroshell 15w-50 engine oil.
- Performed operational runup/ leak test. Results proved to satisfactory at this time.
- All aforementioned work was performed in accordance with approved piper manuals, ac43.13-1b,2b.

Bryan Buis

A/P4393611

Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA SERVICE CENTER

Date: February 16, 2021 N#: 4389X Model: PA28R-200 S/N: 28R-7635034
Tach: 6697.4 Engine Model: IO-360-C1C Engine Serial: RL-36208-51E

Drained oil, removed oil filter and inspected oil filter screen no abnormalities noted at this time, removed and inspected oil suction screen no abnormalities noted at this time. Installed new (owner supplied) oil drain valve P/N: 05-00983. Installed suction screen with new crush gasket P/N: AN900-16. Installed new oil filter P/N: CH48110-1 and serviced with 8 quarts of (owner supplied) Aeroshell 15w-50. Performed ground run up and inspected for oil leaks, no abnormalities noted at this time. All work was performed in accordance with all current applicable service manuals. I certify the work accomplished to be airworthy at this time and return to service.

Jerman Isac Ramos

A&P: 3818250

END

Airplane Repair Inc Gillespie Airport 1965 N Marshall Ave El Cajon CA 619-940-8310

5 Apr 21

TSN 1500.0

Engine Lyc IO-360-C1C

N4389X

Tach 6781.9

s/n RL-36208-51E

Piper PA28R-200

-R&R of prop for install of new crank seal

-inspected fuel injector lines iaw AD2015-19-07 c/w

I certify that this **Engine** has been inspected in accordance with an

annual inspection and was determined to be in airworthy condition and returned to service

Stefan A Uerguen A&P 2451974 IA

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Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA SERVICE CENTER

ENGINE LOG

Lycoming IO-360-C1C
Tach: 6841.0

N4389X
HOBBS: 3525.0
TOP OVERHAUL PERFORMED

S/N: RL-36208-51A
06-25-2021
21

- Removed and replaced all 4 cylinders with New Cylinders from Air Power INC 4900 South Collins Arlington TX 76018 Under P/O # PWA1065. 4 ea. 05K21120-KIT-CYL PISTON/RING ASSY. Assembled and checked the piston ring end gap, ring side clearance and the rocked arm clearance. Installed and lube torqued all cylinder hold down nuts. Installed using all new gaskets and o-rings. Cleaned and installed wire harness and spark plugs. Exhaust system was overhauled by Custom Aircraft and installed with new gaskets.
- Changed the oil and filter with 8 quarts of Aeroshell 100 Mineral oil and CH48111-1 filter. Cleaned the suction screen.
- Replaced the air filter with new P/N BA-10.
- Cranked the engine to get oil pressure and pressure tested the fuel system.
- Checked the magneto timing.
- Washed down engine and nose gear.
- C/W AD 2015-19-07 Fuel Injector Lines by visual inspection of lines and clamps okay at this time. Next due in 110 hours Tach Time 6951.0.
- Engine needs a test run and break in flight.

Michael Koontz

A/P 3799094 I/A

Advanced Aircraft Service

8622 Gibbs Dr.

San Diego, CA. 92123

858-560-7599 Fax 858-560-7507

CESSNA / BEECHCRAFT SERVICE CENTER

Date: 7/1/21 N#: N4389X S/N: Motor RL-36208-51E

Tach: 6841.0 hr TT: 1559.1 hr TTSMOH:

This Engine has been inspected I/A/W FAR Part 43 Appendix D. using Current Aircraft Maintenance Manual as a guide to complete an Annual Inspection, and was determined to be in an airworthy condition at this time.

IA3467663

END

Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA SERVICE CENTER
ENGINE LOG

Lycoming IO-360-C1C
Tach: 7035.7

N4389X
Hobbs: 3743.7

S/N: RL-36208-51A
11-05-2021

- Changed the oil and filter with 6 Quarts of Aeroshell 15/50 oil and CH-48111-1 Filter. Cleaned the suction screen installed with a new AN900-16 crush washer.
- Replaced the alternator with a new Hartzell P/N 10-1051 S/N H-V041587 IAW instructions provided with alternator and drawing No. 10-2008 Rev. D Baffle support bracket drawing. Safety wired bolts and set belt tension.
- C/W AD 2015-19-07 By inspecting fuel injector clamps and lines for proper attachment and placement of clamps and hardware IAW MSB 342G paragraph (e)(1)(ii). Next due in 110 hours Tach: 7135.7.
- Cleaned #4 fuel injector and blew out the line. Replaced the #4 intake gasket.
- Engine was test ran and leak checked; alternator output was normal found no other discrepancies.

Michael Koontz

A/P 3799094 I/A

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Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA SERVICE CENTER
ENGINE LOG

Lycoming IO-360-C1C
Tach: 7104.1

N4389X

S/N: RL-36208-51A
12-21-2021

- Changed the oil and filter with 8 Quarts of Aeroshell 15/50 oil and CH-48111-1 Filter. Cleaned the suction screen installed with a new AN900-16 crush washer.
- C/W AD 2015-19-07 By inspecting fuel injector clamps and lines for proper attachment and placement of clamps and hardware IAW MSB 342G paragraph (e)(1)(ii). Next due in 110 hours Tach: 7214.1.
- Engine was test ran and leak checked found no leaks.

Michael Koontz  A/P 3799094 I/A



360 Victory Aviation

Manufacturer: Lycoming
Model: IO-360-C1C
SER: RL-36208-51E

MAINTENANCE
260 EUCLID AVE.
San Diego, CA 92114

04 JUNE 2022
Tach: 7270.8

This Engine on N4389X Had Cylinder #3 Removed, Honed, Replaced 2 Compression rings P# 74241, 1 Oil Scraper Ring P# 08-03694, Push Tube Seals P# LW18661, Cylinder Base Gasket P# 71481, #3 Intake Gasket P# SL72059, Intake Lower O-ring P# 77569, Oil Return Lines P# STD2108, Clamps P# 6506, Exhaust Gasket P# RA77611, Valve Cover Gasket P# 67193 Replaced I.A.W. Lycoming Maintenance Manual and Piper M.M. Spark Plugs Removed, Cleaned, Gapped, Inspected, and Rotated. Spark Plug Copper Gasket P# MS17840-1. Oil was Replaced With 7 Qt's Phillips X/C, Oil Filter Replaced CH48111-1. Cut Old Oil Filter Nothing to Note. C/W AD 76-07-12 R1 By Ops Check of Ignition Switch Next Due @ T: 7378.0 C/W AD 2015-19-07 By Visual Inspection of Fuel Injector Fuel Lines Due Next @ T: 7388.0 Run-Up Is Good. Test Flight is Satisfactory.

I CERTIFY THAT THIS ENGINE HAS BEEN REPAIRED OR INSPECTED I.A.W. MAINTENANCE RULES OF 14 CFR
IT IS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

Date: 04 JUNE 2022
Victor Avalos A&P38154671A

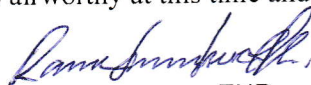
Signed: 

Advanced Aircraft Service
8622 Gibbs Dr.
San Diego, CA. 92123
858-560-7599 Fax 858-560-7507
CESSNA SERVICE CENTER

Date: March 24, 2022 N#: 4389X Model: PA-28R-200 S/N: 28R-7635034
Tach: 7209.5 Hobbs: 3939.5 Engine Model: IO-360-C1C Engine Serial: RL-36208-51E

Installed governor cable's rod end, performed operational check and was found to be satisfactory at this time. Complied with A.D 76-7-12 Rev.1 bendix ignition switch, by operational check, no abnormalities noted. Complied with A.D 2015-19-07 fuel injector fuel lines, no abnormalities noted. All work was performed in accordance with all current applicable service manuals. I certify the work accomplished to be airworthy at this time and return to service.

Jerman Isac Ramos



A&P: 3818250

-----END-----



360 Victory Aviation

Manufacturer: Lycoming
Model: 10-360-C1C
SER: RL-36208-51E

MAINTENANCE
260 Euclid Ave
San Diego, CA 92114

01 AUG 2022
Tach: 7,345.9
Hobbs: 4,092.6
TSMO: 2,064.0

This Engine on N4389X Was Inspected I.A.W. Piper Maintenance Manual Checklist.
HOT Compression Checks #1 74/80, #2 77/80, #3 71/80, #4 74/80.
Oil was Replaced With 7 Qt's Phillips X/C 20W-50, Oil Filter Replaced CH48111-1. Cut Old Oil Filter Nothing to Note.
Replaced #1, #2, and #4; Intake Gaskets Superior P# SA629925, Oil Return Lines P# STD-1821, Clamps P# 3506.
Removed and Replaced Exhaust for Inspection and Repair.
Run-Up Is Good. Leak Check is Ok Test Flight is Satisfactory.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WITH CURRENT
MAINTENANCE RULES OF 14 CFR IT IS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED RETURN
TO SERVICE WITH RESPECT TO THE WORK PERFORMED.

Date: 01 AUG 2022
Victor Avalos A&P38154671A

Signed: _____

Advanced Aircraft Service

8622 Gibbs Dr.

San Diego, CA. 92123

858-560-7599 Fax 858-560-7507

CESSNA / BEECHCRAFT SERVICE CENTER

Date: 8/17/22 N#: N4389X S/N:

Tach: 7357.6 hr TT: TTSMOH:

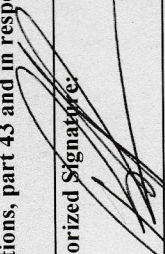
Installed owner supplied 4370 S/N 18020779 right hand mag after
500 hr service by Aero Acc. W.O.# 55691

AP3467663

-----END-----

SUB-TOTALS this page

TOTALS-Carry forward to next page

1. Approving National Aviation Authority/Country: FAA/UNITED STATES				AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 55691	
4. Organization Name and Address: AERO ACCESSORIES, 16152 VALERIO ST, VAN NUYS CA. 91406 REPAIR STATION: XB2R286L								5. Work Order/Contract/Invoice Number: 55691	
6. Item:		7. Description:		8. Part Number:		9. Quantity:		10. Serial/Batch Number:	
1		MAGNETO		4370		1		18020779	
12. Remarks: REPAIRED, INSPECTED & TESTED IN ACCORDANCE WITH SLICK SERVICE MANUAL (L-1363J) AS PER 500HR INSP THIS MAGNETO COMPLIES WITH SLICK S.B. 2-08, 3-08, 1-12 & 1-15A				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				14c. Approval/Certificate No.: XB2R286L	
13a. Authorized Signature:				13b. Approval/Authorization No.:				14d. Date (dd/mm/yyyy): 15/AUG/2022	
13c. Name (Typed or Printed):				14b. Authorized Signature: 					
				14d. Name (Typed or Printed): ROBERT M. RUMM					
User/Installer Responsibilities									
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.									
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.									
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.									

[illegible]