THE OF AIRCRAFT MAINTENANCE MAINTENANCE RECORD RECORD SYSTEM

ENGINE MAINTENANCE RECORDS



ENGINE MAINTENANCE RECORDS

Log No. _______

Aircraft Registration No. N43891
Engine Manufacturer
Model 10-360-C/C
Serial No. RL-36208-51E
Date installed on aircraft6 -/1- / &
Time Between Overhauls (TBO) Hours
If used on multi-engine aircraft:
Right
□ Front □ 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



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

PACKING	LIST
ORDER NUMBER	ORDER DATE
176270	27-MAY-21

SHIPPING TERMS	FREIGHT TER	IMS	SALES PE	RSON		DELIVERY NAME	MS NUMBER
EX-WORKS	Prepaid & A	TI	Western			5222611	MS-548958
CARRIER		PAYMENT TERM	S	WAYBILL NUMBER			
Fed Ex-Standard Overn	ight	1% 20 NET 30		943440773485			<u>μ</u>
CUSTOMER PURCHASE C	ORDER NO.	SHIPMENT DATE	= ,	LOCATION	TOTA	AL WEIGHT	TOTAL PACKAGES
PWA1065		27-MAY-	-21		144	LBS	4

SHIP TO:

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

AIR POWER INC 4900 SOUTH COLLINS

ARLINGTON, TX, 76018

United States

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 consigneeor 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

Approving Civil Authority/Country	Approving Civil Aviation Authority/Country:	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	D RELE, 3, AIRWO	ASE CERT	TIFICATE APPROVAL	TAG	3. Form Tracking Number:
FAA/UNI	FAA/UNITED STATES						MS-548958
4. Orga	4. Organization Name and Address:	d Address:	PRODU	JCTION CE	PRODUCTION CERTIFICATE #3	<i>Έ</i>	5. Work
	LYCOMI	LYCOMING ENGINES					Order/Contract/ Invoice Number:
	WILLIAM	WILLIAMSPORT, PA 17701					176270/5222611
6. Item:	7. Description:		8. Part I	8. Part Number:	9. Quantity:	10. Serial	
1.1	KIT-CYL PISTON/RING ASSY	IG ASSY	05K21120	0	4	N/A	NEW
12. Rem	narks: AIRWORTHINES	12. Remarks: AIRWORTHINESS APPROVAL PARTS AIR POWER INC	PARTS				
13a. Certifies conformity to: X Approved D Non-approv	13a. Certifies the items identified above were manufactured in conformity to: X. Approved Design data and are in a condition for safe operal Non-approved design data specified in Block 12.	13a. Certifies the items identified above were manufactured in conformity to: X Approved Design data and are in a condition for safe operation. Non-approved design data specified in Block 12.		14a. 14 CFR 43.9 Return to Certifies that unless otherwise 11 and described in Block 12 to Code of Federal Regulations, approved for return to service.	Return to Services otherwise specifications of the service.	e Other reg ed in Block 12 complished in and in respec	14a14 CFR 43.9 Return to Service Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 2; 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. Autho	13b. Authorized Signature:	13c. Approval/Authorization No ODA830878NE		14b. Authorized Signature	Signature:	14c. Appi	14c. Approval/Certificate No.:
13d. Name (Typ J. DABBACK	13d. Name (Typed or Printed): J. DABBACK	13e. Date (dd/mmm/yyyy): 27-MAY-2021		14d. Name (Typed or Printed):	ed or	14e. Date	14e. Date (dd/mmm/yyyy):
		User/ins	taller Re	User/Installer Responsibilities	ities		
It is important to unders engine/propeller/article.	nt to understand the exist eller/article.	It is important to understand the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.	e does not a	automatically co	nstitute authority	to install the	aircraft
Where the u authority of engine(s)/pr	ser/installer performs wor the country specified in B opeller(s)/article(s) from t	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.	ational regul ne user/insta of the count	ations of an airv iller ensures tha ry specified in B	vorthiness author t his/her airworth lock 1.	ity different iness author	than the airworthiness ity accepts aircraft
Statements installation of FAA Form	in Blocks 13a and 14a do certification issued in accomm 8130-3 (09-14)	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 8.19-0.3 (10)-14. DOI:10.10.00.00.00.00.00.00.00.00.00.00.00.0	ertification. egulations b	In all cases, airc y the user/instal	raft maintenance ler before the aird	records mucraft may be	st contain an flown.
FAA FOIT	FAA Form 8130-3 (02-14)				NS	N: 0052-0	NSN: 0052-00-012-9005



Model No: IO-360-C1C Order No: KM711699

Serial No: **RL-36208-51E**

TC No: 1E10 ENPL: RENPL-RT8612

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

Part Name	Part Number	<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		

Production Automated Engine Test Log

Form# T-001

Std Run-in Data Sheet

Engine #: RL-36208-51E

Operator 1: Z. DIMAIO

Operator 2:

Fuel Serial #: AV26550428

Fuel Slave: NO

Fuel Curve: C-13135-E

Pre-Oil Temp: 167

Comments

ETS #: 634

Model #: I0-360-C1C

Accept/Date : 4-9-18

Accept/Date :

Ignition Left: 18020247

Ignit_L Slave: NO

Ignit_R Slave: NO

Float Bowl Connected to Fuel Pump Inlet: YES

Pre-Oil Pres: 80

ETS Rev: EC0-26217

Order #: KM711699

Test Mode: Final

BOM: RENPL-RT8612

Ignition Right: 18020753

Setting #: AV2524450-9

Date/Time: 4/9/18 11:50

SW Rev: LSW20001-B LCY

Barometer: 29.92

Preservation: LPS 486

Part 3.2 Test

Read Time: 4/9/18 13:08

Test Status : Pass

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) NOTELE PRESSUR . 25" LOW @ 1100 AF

4) Engr. 2014 - 0. 1 1/2 / Nate 4/10/18

2 Runin @ 1500 for 5 min Allowable Speed Variation (RPM) -75 0.8 75 Cylinder Head Temperature (DegF) 249 475 Inlet Air Temp (DegF) 0 55 110 5 Runin @ 1800 for 10 min -75 4.3 75 Allowable Speed Variation (RPM) -75 4.3 475 Allowable Temperature (DegF) 0 56.4 110 8 Runin @ 2200 for 10 min -75 2.2 75 Cylinder Head Temperature (DegF) 337.4 475 Inlet Air Temp (DegF) 0 57.1 110 11 MagChk @ 2200 for 1 min 97.2 150 Magneto Dropoff - Each Mag (RPM) 97.2 150 Magneto Dropoff - Difference (RPM) 6.1 35 Cylinder Head Temperature (DegF) 334.9 475	Pass Pass Pass
Cylinder Head Temperature (DegF) 249 475 Inlet Air Temp (DegF) 0 55 110 5 Runin @ 1800 for 10 min Allowable Speed Variation (RPM) -75 4.3 75 Cylinder Head Temperature (DegF) 278.4 475 Ilet Air Temp (DegF) 0 56.4 110 8 Runin @ 2200 for 10 min Allowable Speed Variation (RPM) -75 2.2 75 Cylinder Head Temperature (DegF) 337.4 475 Inlet Air Temp (DegF) 0 57.1 110 11 MagChk @ 2200 for 1 min Magneto Dropoff - Each Mag (RPM) 97.2 150 Magneto Dropoff - Difference (RPM) 6.1 35 Cylinder Head Temperature (DegF) 334.9 475	Pass Pass
Inlet Air Temp (DegF) 0 55 110 5 Runin @ 1800 for 10 min Allowable Speed Variation (RPM) -75 4.3 75 Vylinder Head Temperature (DegF) 278.4 475 Ilet Air Temp (DegF) 0 56.4 110 8 Runin @ 2200 for 10 min Allowable Speed Variation (RPM) -75 2.2 75 Cylinder Head Temperature (DegF) 337.4 475 Inlet Air Temp (DegF) 0 57.1 110 11 MagChk @ 2200 for 1 min Magneto Dropoff - Each Mag (RPM) 97.2 150 Magneto Dropoff - Difference (RPM) 6.1 35 Cylinder Head Temperature (DegF) 334.9 475	Pass
5 Runin @ 1800 for 10 min Allowable Speed Variation (RPM) -75 4.3 75 Vylinder Head Temperature (DegF) 278.4 475 Ilet Air Temp (DegF) 0 56.4 110 8 Runin @ 2200 for 10 min Allowable Speed Variation (RPM) -75 2.2 75 Cylinder Head Temperature (DegF) 337.4 475 Inlet Air Temp (DegF) 0 57.1 110 11 MagChk @ 2200 for 1 min Magneto Dropoff - Each Mag (RPM) 97.2 150 Magneto Dropoff - Difference (RPM) Cylinder Head Temperature (DegF) 334.9 475	
Allowable Speed Variation (RPM) -75 (Vlinder Head Temperature (DegF) (Ilet Air Temp (DegF) 8 Runin @ 2200 for 10 min Allowable Speed Variation (RPM) -75 Cylinder Head Temperature (DegF) Inlet Air Temp (DegF) 10 375 37.4 475 Inlet Air Temp (DegF) 10 57.1 110 11 MagChk @ 2200 for 1 min Magneto Dropoff - Each Mag (RPM) Magneto Dropoff - Difference (RPM) Cylinder Head Temperature (DegF) 334.9 475	Pass
Sylinder Head Temperature (DegF) 278.4 475 Ilet Air Temp (DegF) 0 56.4 110 8 Runin @ 2200 for 10 min Allowable Speed Variation (RPM) -75 2.2 75 Cylinder Head Temperature (DegF) 337.4 475 Inlet Air Temp (DegF) 0 57.1 110 11 MagChk @ 2200 for 1 min Magneto Dropoff - Each Mag (RPM) 97.2 150 Magneto Dropoff - Difference (RPM) 6.1 35 Cylinder Head Temperature (DegF) 334.9 475	Pass
Section Color Co	1 433
8 Runin @ 2200 for 10 min Allowable Speed Variation (RPM) -75 2.2 75 Cylinder Head Temperature (DegF) 337.4 475 Inlet Air Temp (DegF) 0 57.1 110 11 MagChk @ 2200 for 1 min 97.2 150 Magneto Dropoff - Difference (RPM) 6.1 35 Cylinder Head Temperature (DegF) 334.9 475	Pass
Allowable Speed Variation (RPM) -75 2.2 75 Cylinder Head Temperature (DegF) 337.4 475 Inlet Air Temp (DegF) 0 57.1 110 11 MagChk @ 2200 for 1 min Magneto Dropoff - Each Mag (RPM) 97.2 150 Magneto Dropoff - Difference (RPM) 6.1 35 Cylinder Head Temperature (DegF) 334.9 475	Pass
Cylinder Head Temperature (DegF) 337.4 475 Inlet Air Temp (DegF) 0 57.1 110 11 MagChk @ 2200 for 1 min	
Inlet Air Temp (DegF) 0 57.1 110 11 MagChk @ 2200 for 1 min 97.2 150 Magneto Dropoff - Difference (RPM) 6.1 35 Cylinder Head Temperature (DegF) 334.9 475	Pass
11 MagChk @ 2200 for 1 min Magneto Dropoff - Each Mag (RPM) 97.2 150 Magneto Dropoff - Difference (RPM) 6.1 35 Cylinder Head Temperature (DegF) 334.9 475	Pass
Magneto Dropoff - Each Mag (RPM)97.2150Magneto Dropoff - Difference (RPM)6.135Cylinder Head Temperature (DegF)334.9475	Pass
Magneto Dropoff - Difference (RPM) Cylinder Head Temperature (DegF) 6.1 35 475	
Cylinder Head Temperature (DegF) 334.9 475	Pass
Cylinder Hedd Temperature (1998)	Pass
[1988년] [1982년 1982년 1982년 1982년 1982	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	

Production Automated Engine Test Log

Form# T-001

Std Airflow Data Sheet

Engine #: RL-36208-51E

Operator 1: Z. DIMAIO

Operator 2:

Fuel Serial #: AV26550428

Fuel Slave: NO Fuel Curve: C-13135-E

Pre-Oil Temp: 167 ETS #: 634 Model #: I0-360-C1C

ETS Rev: EC0-26217

Accept/Date: 4-9-18
Accept/Date:

Ignition Left: 18020247

Order #: KM711699 Test Mode: Final

BOM: RENPL-RT8612 Ignition Right: 18020753

Ignit_L Slave : NO Ignit_R Slave : NO

Float Bowl Connected to Fuel Pump Inlet: YES

Pre-Oil Pres: 80

Setting #: AV2524450-9

SW Rev: LSW20001-B LCY Barometer: 29.92

Read Time: 4/9/18 13:57

Date/Time: 4/9/18 13:26 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. 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				1 433
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
ylinder Head Temperature (DegF)		371.6	475	Pass
eto inlet Air Temp (DegF)	0	57	110	Pass
7 Airflow @ AF-1100 for 4 min				1 033
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				1 033
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				1 433
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				1 033
Acceleration Check (sec)	2	3	5	Pass
le Cut-off Time (sec)	0	4	5	Pass
Engine # : RL-36208-51E				1 033



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.			

yo le

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

N.oilcoolers.com



Printed On: 05/10/2018 Work Order:

W/O DATE:

125903

RECEIVED AS:

PO / Ref Number: N/A Location:

OVERHAUL 05/01/2018

Customer Information:

Name:

ADVANCED AIRCRAFT SERVICE

Address: SAN DIEGO, CA 92123

Contact: DAVID EDDO

Component Information: Qty: 1

Type: OIL COOLER

Alt. P/N: 555-362

Phone: 858-560-7599

Mfg: HARRSION

S/N: 75H-1703

Special Instructions: Data Plate?

P/N: 8537820

No

7th Stud? No

Manual Location:

Bin Location: 5010

Items Attached to Component:

Fittings:

OVERHAULED NORMAL PROCESS

Valve Body:

S/N: S/N:

Vernatherm: Vernatherm:

S/N:

Task Description:	Work Performed	Tech:	Insp:	
BEAD BLAST	Bead Blast	JA	I2	
BI DIRECTION FLUSH	Bi-Directional Flush	JA	I2	
DISASSEMBLY	Dissasemble 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 PressureTest	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 omponent identified herein was repaired and inspected in accordance with current regulations of the Federal Aviation Agency, and is ap ved for return to service.

Signature of Final Inspector:

MAY 1 0 2018

FINAL INSPECTION PERFORMED BY:

DATE:

	NSN:			FAA Form 8130-3 (02/14)
cordance with the national	ain an installation certification issued in ac	raft maintenance records must conta	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.	Statements in Block 13a and 14a do not constitute installation or regulations by the user/installer before the aircraft may be flown.
uthority of the country specified in Block 1, it is ithority of the country specified in Block 1.	an the airworthiness authority of the counm the airworthiness authority of the countm	n airworthiness authority different that ft engine(s)/propeller(s)/article(s) fron	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 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.	When the user / installer performs the work essential that that user / installer ensures th
	ropeller/article.	uthority to install the aircraft engine/p	It is important that the existence of the document alone does not automatically constitute authority to install the aircraft engine/propeller/article	It is important that the existence of the docu
		User / Installer Responsibilities	User/	
14e. Date (dd/mmm/yyyy): 10/May/2018		14d. Name (Type or Print) Francisco Sierra	13e.Date (dd/mmm/yyyy);	13d. Name (Type or Print)
14c. Approval/Certificate No RF3R813L		14b. Authorized Signature.	3c. Approval /Authorization No:	13b. Authorized Signature
Other regulation specified in Block 12 e work identified in Block 11 and described in Block le of Federal Regulations, part 43 and in respect to		14a V 14 CRF 43.9 Return to Service Certifies that unless otherwise specified in Block 12, the 12 was accomplished in accordance with Title 14, Coot that work, the items are approved for return to service	tems identified above were manufactured in conformity to: design data and are in a condition for safe operation roved design data specified in Block 12.	Approved design data and are in a condition for safe operation Non-approved design data specified in Block 12.
tives work / status. ent is considered ready	No applicable Airworthiness Direc h respect to that work, the compon	hed. 5-62-77F, dated 01/Sep/1979. I 5- with EASA part 145, and with 5-4	12. Remarks: Work Order Number (Block 5) describing the actual work performed is attached. 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	12. Remarks: Work Order Number (Block 5) descri The described work was performed Certifies that the work specified in Blo for release to service under EASA pr
			555-362	
OVERHAULED	75H-1703		8537820	1 OIL COOLER
11. Status/Work:	10. Serial Number: 11.	9. Quantity: 10.	8. Part Number: 9.	6. Item: 7. Description:
5. Work Order/Contact/Invoice No 125903	5.	F.A.A RF3R813L A 91750	Pacific Oil Cooler Service, Inc. 1677 Curtiss Court, La Verne, CA	4. Organization Name and Address:
125903	AL TAG	FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	FAA Form 8130-3	FAA / United States
Form Tracking Number	ICATE 3.	AUTHORIZED RELEASE CERTIFICATE	AUTHORIZED	Approving Civil Aviation Authority / County:

1. Approving National Aviation	2.			3. Form	Form Tracking Number:
Authority / Country: FAA / United States	AUTHORIZED FAA Form 8130-3,	AUTHORIZED RELEASE CERTIFICAT FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	IFICATE VAL TAG		18-032
4. Organization Name and Address: TRUESPEED AERO GOVERNORS, INC., 7900 Balboa Blvd., Hangar M-12, Van Nuys, CA 91406	., 7900 Balboa Blvd., Han	gar M-12, Van Nuys, CA 9)	1406 (T6GR183N)	5. Invoice Number 18	mber: 18030
6. Item: 7. Description: 8.	Part Number:	9. Quantity	10. Serial Number	H	11. Status /Work
1 Propeller Governor	F-2-7A	1	5423 W	7	OVERHAULED
12. Remarks:			THE REAL PROPERTY OF THE PROPE		дей об да дей
Overhauled, bench te	Overhauled, bench tested and set to manufacturer's specifications per Hartzell manual 130B, rev. 20	rer's specifications per l	Hartzell manual 13	0B, rev. 20	
Pertinent details of the work performed are on file at this agency under Work Order # 18-032	on file at this agency under W	/ork Order # 18-032			
13a. Certifies the items identified above were manufactured in conformity to:		14a. ☑ 14 CFR 43.9 Return	urn to Service	Other regula	Other regulation specified in Block 12
 □ Approved design data and are in a condition for safe operation □ Non-approved design data specified in Block 12. 	ondition for safe operation. in Block 12.	Certifies that unless others and described in Block 12 Federal Regulations, part return to service.	therwise specified in Ek 12 was accomplished art 43 and in respect t	lock 12, the w in accordance o that work, th	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. App	13c. Approval/Authorization No.:	14b. Authorized Signature		14c. Approva	14c. Approval / Certificate No.:
		EXXX.	h		T6GR183N
13d. Name (Typed or Printed): 13e. Date:	e.	14d. Name (Typed or Printed	ited):	14e.Date: (dd/mmm/yyyy)	/mmm/yyyy)
		Martin Schm	hmid	10	10 / APR / 2018
	User / Ins	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	of this document alone does not	automatically constitute aut	thority to install the air	craft engine/p	ropeller/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 energified in Block 1	dance with the national regulatinstaller ensures that his airwor	ions of an airworthiness aut thiness authority accepts air	hority different than the craft engine(s)/propel	e airworthines ler(s)/article(s)	s authority of the country 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 accordance with the national regulations by the user/installer before the aircraft may be flown.	ute installation certification. In user/installer before the aircraft	all cases, aircraft maintenar t may be flown.		in an installati	records must contain an installation certification issued in
FAA form 8130-3 (02-14)					NSN: 0052-00-012-9005

Pacific Oil Cooler Service, Inc.

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



Printed On: 05/10/2018 Work Order:

RECEIVED AS:

OVERHAUL

125903

W/O DATE:

05/01/2018

N.oilcoolers.com **Customer Information:**

ADVANCED AIRCRAFT SERVICE

Location:

PO / Ref Number: N/A

Name: Address: Contact:

SAN DIEGO, CA 92123 **DAVID EDDO**

Component Information:

Qty: 1

Type: OIL COOLER

Phone: 858-560-7599 Mfg: HARRSION

P/N: 8537820

Alt. P/N: 555-362

S/N: 75H-1703

Special Instructions: Data Plate?

7th Stud? No

Manual Location: No

Bin Location: 5010

Items Attached to Component:

Fittings:

OVERHAULED NORMAL PROCESS

Valve Body:

Vernatherm:

S/N:

S/N: S/N:

Vernatherm:

Task Description:	Work Performed	Tech:	Insp:
BEAD BLAST	Bead Blast	JA	I2
BI DIRECTION FLUSH	Bi-Directional Flush	JA	I2
DISASSEMBLY	Dissasemble 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	12
FLUSH HV	High Volume Flush	JA	I2
INIT INSPECTION	Initial Inspection	JA	I2
INSP CRACKS - LEAKS	Inspect Unit for cracks and leaks	JA	$_{ m I2}$
IRIDITE	Protective Coating as Required	JA	$_{ m I2}$
MATE FLUSH	Mate Units with Flushing Benches	JA	$_{ m I2}$
PRESSURE TEST	Initial PressureTest	JA	$_{ m I2}$
VAPOR DEGREASER	Clean inside and Outside	JA	$_{ m I2}$
PROTECTIVE SEAL	Apply Protective Seal as Required	RG	I2
FINAL INSPECTION	Final Inspection	FS	12
INIT INSPECTION	Initial Inspection	FS	I2

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

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

Signature of Final Inspector:

MAY 1 0 2018

FINAL INSPECTION PERFORMED BY:

DATE:

N			-
AΊ			
	Rebuilt Engine Certifica	ate of Conformance	
	applicable Lycoming specification condition for safe operation. All	as described hereinafter has been REBUILT in accordance with the ons. It has been determined airworthy to return to service and is in a II applicable Federal Aviation Administration Airworthiness Directives ions have been complied with. All accessories as part of the type built. Refer to enclosed Form ET001 for applicable accessory part	5
— ₁			
		Planting	
	Part Number RENPL-RT		
_ 7	Serial Number RL-36208-5 Engine Model IO-360-C10	Alithorized Representative	
- }	Work Order KM711699 Total Time 0	Production Certificate #3	
_	Ì	652 Oliver Street Williamsport, PA 17701 U.S.A.	
	Form 2481 Rev 05/13	Lycoming Engines is a division of Avco Corporation	
	8 (4)		
		Advanced Aircraft Service 8622 Gibbs Dr.	
	Da Tac Installed Owner supplied in this Aircraft N4389X, from Aviall, Governor S/ 18030, Vacuum pump n	858-560-7599 Fax 858-560-7507 NA / BEECHCRAFT SERVICE CENTER te:6/11/18 N#:N4389X S/N:28R-7635034 ch:5281.94 hr TT: "0" hr TTSMOH:"0" hr cd Lycoming Factory Reman IO-360-C1C S/N RL-36208-8 Installed new engine mounts, all new oil and fuel flex hose in 5423W overhauled by True Speed Aero Governor W. inot replaced, Oil cooler S/N 75H-1703 overhauled by Pace # 125903, New scat hoses installed, Added 8qts Shell 1 in type D hoses installed, AD2015-19-07 (e) (i) per SB 34	O.# cific 00 oil,
		Advanced Aircraft Service	
		8622 Gibbs Dr. San Diego, CA. 92123	
		050 560-7599 Fax 858-560-7507	
		NA / BEECHCRAFT SERVICE CENTER	
>	Date:6/11/18	of hr TT:"0" hrs TTSMOH:"0" hrs	+
	the second of the second	reported I/AAN FAR Part 43 Appendix D. using	
	Inspection, and was d	etermined to be in an airworthy condition at this time.	
		IA3467663	1
		ENUENU	
1.			
			-

DATE

TOTAL 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



S/N: 28R-7635034 Model: PA28R-200 N#: 4389X Date: August 07, 2018 Engine Serial: RL-36208-51E Engine Model: IO-360-C1C Tach: 5381.8

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.

Jerman Isac Ramos

A&P: 3818250

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: TTSMOH:

Tach:5339.2

TT:

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.

AP 3841036

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

AP3467663

END--

SUB-TOTALS this 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 Le III. filim Model. A&P: 3818250

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

Miles .				
12-3	71-18	Toch.	5624.8	C/W 76-07-17 1.(a)(b)(c)
. 14	2019	~/5 ~	0 1(8	(1) both due again
57	24.8	hrs -	E	8 A83467663 -
	i i			
			; · 4	
	2-			
				SUB-TOTALS this 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.

C/W A.D. 2015-19-0n 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

My Flent

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

Mc

Model: PA28R-200

S/N: 28R-7635034

BR-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.

J	err	nan	Isac	Ramos	

Lann funnfruellh

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

SUB-TOTALS this page

	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME		TION OF WORK PERFORMED— CATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward fro	om previous page
	<u> </u>	ate 9 Sep 19 ach 5949.1	TSI	N 667.2 Engine Lyc IO-3 s/n RL-36208-51E	360-C1C Reg N4389X Model PA28R-200
		ich 5949.1		S/II RL-30200-31L	WIGGETT AZOTEZOG
		nspected fuel efan A Uergu		s iaw AD2015-19-07 c/w 51974 IA Jeffer A Fr	
_			858	Advanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123 -560-7599 Fax 858-560-750 SSNA SERVICE CENTE	
_ 	Date:	November 1 Tach: 6048			R-200 S/N: 28R-7635034 Engine Serial: RL-36208-51E —
Rem	noved and it	nstalled forw	ard exhaus	st stack to be reworked on. A	All work was performed in accordance
	n current ap nan Isac Ra		vice manua	Is. I certify the work accompreturn to service.	olished to be airworthy at this time and ———————————————————————————————————
			vice manua	ls. I certify the work accomp	olished to be airworthy at this time and $$
				ls. I certify the work accomp	A&P: 3818250
	nan Isac Ra			Advanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123	A&P: 3818250
	Date Rem /N be satisfa	e: November Tach: 60 oved old rig Timed r ctory at this	r 27, 2019 069.7 En ht magneto magneto to time. All we	Advanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123 S58-560-7599 Fax 858-560-CESSNA SERVICE CEN N#. 4389X Model: PAgine Model: IO-360-C1C and replaced with (owner s 20 degrees before TDC. Peork was performed in accord	A&P: 3818250
Jerm	Date Rem /N be satisfa	e: November Tach: 60 oved old rig Timed r ctory at this als. I certify	r 27, 2019 069.7 En ht magneto magneto to time. All we	Advanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123 S58-560-7599 Fax 858-560-CESSNA SERVICE CEN N#. 4389X Model: PAgine Model: IO-360-C1C and replaced with (owner s 20 degrees before TDC. Peork was performed in accord	A&P: 3818250
Jerm	Date Rem /N be satisfa manu	e: November Tach: 60 oved old rig Timed r ctory at this als. I certify	r 27, 2019 069.7 En ht magneto magneto to time. All we	Advanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123 S58-560-7599 Fax 858-560-CESSNA SERVICE CEN N#. 4389X Model: PAgine Model: IO-360-C1C and replaced with (owner s 20 degrees before TDC. Peork was performed in accord	A&P: 3818250

Page No. TOTAL TOTAL TACH OR DESCRIPTION OF WORK PERFORMED-RECORDING TIME TIME DATE METER SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK SINCE SERVICE OVERHAUL TIME **Advanced Aircraft Service** 8622 Gibbs Dr. San Diego, CA. 92123 858-560-7599 Fax 858-560-7507 CESSNA SERVICE CENTER 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 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. A&P: 3818250 Jerman Isac Ramos 360 Victory Aviation 02 FEB 2029 Manufacturer: Piper Tach: 6165-6 Model: PA-28R-200 MAINTENANCE W/O# 115 SER: 28R-7635034 1987 N. Marshall Ave. Hangar 99 El Cajon, CA 92020 This Airframe on N4389X Had Say iceable 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. 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 RESPECTTO THE WORK PERFORMED. Date: 02 FEB 2020 Signed: Victor Avalos A&P3815467IA

SUB-TOTALS this page

Installed new	v crush gasket F his time. Installe	P/N: AN900-16. Re d oil filter P/N: CH D 2015-19-07 fuel	emoved and inspected oil 48110-1 and service engli injector lines paragraph (normalities noted at this time. filter element, no abnormalities ine with 8 quarts of Aeroshell E) sub-paragraph (1) follow up
	Dorformed aro	und run, leak ched to all current app	cked and was found to be	certify the work accomplished to ice.
Jerman Isac	Ramos	Kami	Imm sucell	A&P: 3818250
		5 V		
			5.6	
				Α
			360 Victory Aviation	<u>on</u>
	Manufacturer: L	ycoming		19 MAR 202.0
	Model: IO-360-6 SER: L-145335-		MAINTENANCE 1987 N. Marshall Ave. Hangar	Tach: 6191.4 w/O#117
<u> </u>			El Cajon, CA 92020	
				Up Is Good No Leaks Noted.
	MAINTENANCE	RULES OF 14 CFR IT IS	EN INSPECTED AS OUTLINED AB FOUND TO BE IN AN AIRWORTH TO THE WORK PERFORMED.	BOVE IN ACCORDANCE WITH CURRENT BY CONDITION AND IS APPROVED
	MAINTENANCE RETURN TO SEI Date:	RULES OF 14 CFR IT IS	FOUND TO BE IN AN AIRWORTH TO THE WORK PERFORMED. Signed:	BOVE IN ACCORDANCE WITH CURRENT
	MAINTENANCE RETURN TO SEI Date:	RULES OF 14 CFR IT IS RVICE WITH RESPECTI 19 MAR 2020	FOUND TO BE IN AN AIRWORTH TO THE WORK PERFORMED. Signed:	BOVE IN ACCORDANCE WITH CURRENT
	MAINTENANCE RETURN TO SEI Date: Victo	RULES OF 14 CFR IT IS RVICE WITH RESPECTI 19 MAR 2020	FOUND TO BE IN AN AIRWORTH TO THE WORK PERFORMED. Signed:	SOVE IN ACCORDANCE WITH CURRENT BY CONDITION AND IS APPROVED
Date: Jur Tach: 63	MAINTENANCE RETURN TO SEI Date: Victor	RULES OF 14 CFR IT IS RVICE WITH RESPECTI 19 MAR 2020 or Avalos A&P38154671	FOUND TO BE IN AN AIRWORTH TO THE WORK PERFORMED. Signed:	BOVE IN ACCORDANCE WITH CURRENT
Tach: 63 Hobbs: 2	Date: Victor De 27th, 2020 56.2	RULES OF 14 CFR IT IS RVICE WITH RESPECTI 19 MAR 2020 or Avalos A&P38154671 Model: PA2	Signed: N4389X 8R-200 S/N: 28R-7635034	Engine Model: IO-360-C1C Engine S/N: RL-36208-51E TSFR/TSMO: 1017.3
Tach: 63. Hobbs: 2 Engine O	Date: Victor 1964.7	Model: PA2	Signed:	Engine Model: IO-360-C1C Engine S/N: RL-36208-51E TSFR/TSMO: 1017.3 CH48110-1. Eng ground runup OK.
Tach: 63 Hobbs: 2 Engine O	Date: Victor Date:	Model: PA2 7 Qts. Aeroshell 1	Signed: Signed: N4389X 8R-200 S/N: 28R-7635034 15W50. Oil filter replaced vitch by ops check. Next d	Engine Model: IO-360-C1C Engine S/N: RL-36208-51E TSFR/TSMO: 1017.3 CH48110-1. Eng ground runup OK.
Tach: 63: Hobbs: 2 Engine O Complied Complied	Date: Victor Date:	Model: PA2 7 Qts. Aeroshell 1 -12 R1 Ignition sw. 19-07 Fuel Injecto	Signed: Signed: N4389X 8R-200 S/N: 28R-7635034 15W50. Oil filter replaced vitch by ops check. Next dor fuel lines by visual inspectors.	Engine Model: IO-360-C1C Engine S/N: RL-36208-51E 4 TSFR/TSMO: 1017.3 CH48110-1. Eng ground runup OK. Jue at 6456.2 ection. Next due at 6466.2 RDANCE TO 14 CFR. IT IS FOUND
Tach: 63: Hobbs: 2 Engine O Complied Complied	Date: Victor Date:	Model: PA2 7 Qts. Aeroshell 1 -12 R1 Ignition sw. 19-07 Fuel Injecto	Signed: Signed: N4389X 8R-200 S/N: 28R-7635034 L5W50. Oil filter replaced vitch by ops check. Next dor fuel lines by visual inspect	Engine Model: IO-360-C1C Engine S/N: RL-36208-51E 4 TSFR/TSMO: 1017.3 CH48110-1. Eng ground runup OK. Jue at 6456.2 ection. Next due at 6466.2 RDANCE TO 14 CFR. IT IS FOUND
Tach: 63: Hobbs: 2 Engine O Complied Complied	Date: Victor Date:	Model: PA2 7 Qts. Aeroshell 1 -12 R1 Ignition sw. 19-07 Fuel Injecto	Signed: Signed: N4389X 8R-200 S/N: 28R-7635034 15W50. Oil filter replaced vitch by ops check. Next dor fuel lines by visual inspectors.	Engine Model: IO-360-C1C Engine S/N: RL-36208-51E 4 TSFR/TSMO: 1017.3 CH48110-1. Eng ground runup OK. Jue at 6456.2 ection. Next due at 6466.2 RDANCE TO 14 CFR. IT IS FOUND
Tach: 63: Hobbs: 2 Engine O Complied Complied	Date: Victor Date:	Model: PA2 7 Qts. Aeroshell 1 -12 R1 Ignition sw. 19-07 Fuel Injecto	Signed: Signed: N4389X 8R-200 S/N: 28R-7635034 15W50. Oil filter replaced vitch by ops check. Next dor fuel lines by visual inspectors.	Engine Model: IO-360-C1C Engine S/N: RL-36208-51E 4 TSFR/TSMO: 1017.3 CH48110-1. Eng ground runup OK. Jue at 6456.2 ection. Next due at 6466.2 RDANCE TO 14 CFR. IT IS FOUND
Tach: 63. Hobbs: 2 Engine O Complied Complied I CERTIFY TO BE IN	Date: Victor Date:	Model: PA2 7 Qts. Aeroshell 1 -12 R1 Ignition sw. 19-07 Fuel Injecto	Signed: Signed: N4389X 8R-200 S/N: 28R-7635034 15W50. Oil filter replaced vitch by ops check. Next dor fuel lines by visual inspectors.	Engine Model: IO-360-C1C Engine S/N: RL-36208-51E 4 TSFR/TSMO: 1017.3 CH48110-1. Eng ground runup OK. Jue at 6456.2 ection. Next due at 6466.2 RDANCE TO 14 CFR. IT IS FOUND URN TO SERVICE

R. Giron/Owner

CSEL 3725178

SUB-TOTALS this page

Vo				
	Advanced Aircraft Service			RK
	8622 Gibbs Dr. San Diego, CA. 92123			1.00
	858-560-7599 Fax 858-560-7507			
	CESSNA SERVICE CENTER			
				_
	Engine Log		S/N: 28R-7635034	
ft: Piper PA-28R-200	N4389X Hobbs:3258.0	P W	01-6-2021	
1:6609.7	10008.3230.0			
 Performed 50hour oil chair 	nge.			
Drained oil and removed of	oil filter.			
 Cut filter open and inspec 	ted filter element.			
 Replaced oil filter with a n 	ew champion oil filter Part #ch48110-1.			
 Replaced engine oil with 	7Qts of aeroshell 15w-50 engine oil.	t this time		
 Performed operational rur 	nup/ leak test. Results proved to satisfactory a was performed in accordance with approved p	iner manuals, ac43,13	-1b.2b.	
All aforementioned work v	vas performed in accordance with approved p	iper mandalo, do to. to	,	
Bryan Buis	Continue	A/P4393611		
Diyan Dan	· · · · · · · · · · · · · · · · · · ·			-
	A I A improft Corvice			
	Advanced Aircraft Service			_
	8622 Gibbs Dr.			
	San Diego, CA. 92123	.07		a - 11
	858-560-7599 Fax 858-560-75	507		
	CESSNA SERVICE CENT	ER		7
removed and increated oi	4 Engine Model: IO-360-C1C d oil filter and inspected oil filter screet suction screen no abnormalities not	ed at this time. In	36208-51E es noted at this time stalled new (owner	
Drained oil, remove removed and inspected oi supplied) oil drain valve P/N Installed new oil filter P/N: C	4 Engine Model: IO-360-C1C d oil filter and inspected oil filter screet suction screen no abnormalities not 05-00983. Installed suction screen H48110-1 and serviced with 8 quarts and inspected for oil leaks, no abnormal all current applicable service manual	en no abnormalitied at this time. Instanting with new crush gas of (owner supplied all the last of the world at the last of t	es noted at this time stalled new (owner sket P/N: AN900-1 d) Aeroshell 15w-5 stime. All work wa	6. 0. s
Drained oil, remove removed and inspected oi supplied) oil drain valve P/N Installed new oil filter P/N: C	4 Engine Model: IO-360-C1C d oil filter and inspected oil filter screet suction screen no abnormalities not to 5-00983. Installed suction screen H48110-1 and serviced with 8 quarts and inspected for oil leaks, no abnormalities not inspected for oil leaks, no abnormalities.	en no abnormalitied at this time. Instanting with new crush gas of (owner supplied all the last of the world at the last of t	es noted at this time stalled new (owner sket P/N: AN900-1 d) Aeroshell 15w-5 stime. All work wa	6. 0. s
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SUB-TOTALS this page

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

- 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.

	- 1
Advanced Aircraft Service	
8622 Gibbs Dr.	
San Diego, CA. 92123	
858-560-7599 Fax 858-560-7507	
CESSNA / BEECHCRAFT SERVICE CENTER	1
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	
FND	

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-48 i 11-1 Filter. Cleaned the suction screen installed with a new AN900-16 crush washer.

page

- 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 checker alternator output was normal found no other discrepancies.

Mid	chael Koontz	hand	A/P 3799094 I/A
			SUB-TOTALS this page
			TOTALS-Carry forward to next

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

Manufacturer: Lycoming

Model: IO-360-C1C

SER: RL-36208-51E

A/P 3799094 I/A



360 Victory Aviation

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 LA.W. MAINTENANCE RULES OF 14 CFR IT IS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED RETURN TO SERVICE WITH RESPECTTO THE WORK PERFORMED.

Date: 04 JUNE 2022 Victor Avalos A&P3815467IA

Tach: 7209.5

Signad.

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

Hobbs: 3939.5 Engine Model: IO-360-C1C

S/N: 28R-7635034

Engine Serial: RL-36208-51E

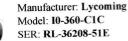
Installed governor cable's rod end, performed operational check and was found to be satisfactory at this time. Complied with A.D 76-7-12 Rev.1 bendix ignition switch, by operational check, no abnormalities noted. Complied with A.D 2015-19-07 fuel injector fuel lines, no abnormalities noted. All work 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

Dame Sundwell,

A&P: 3818250





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 RESPECTTO THE WORK PERFORMED.

Date: 01 AUG 2022 Victor Avalos A&P3815	467IA 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

3. Form Tracking Number:	55691	5. Work Order/Contract/Invoice Number: 55691	11. Status/Work:	REPAIRED				Other regulation specified in Block 12	ne work identified in Block 11 and e with Title 14, Code of Federal tems are approved for return to	14c. Approval/Certificate No.: XB2R286L	14e. Date (dd/mmm/yyyy):	
D RELEASE CERTIFICATE	APPROVAL TAG		10. Serial/Batch Number:	18020779		OOHR INSP		□ 14 CFR 43.9 Return to Service □ Other	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.	1 Signatures	14d. Name (Typed or Printed): ROBERT M. RUMM	ibilities
ELEASE	RWORTHINESS A		9. Quantity:	1		L (L-1363J) AS PER 5		14a. 🛭 14	Certifies that described in Regulations, service.	14b. Authorized Signate	14d. Name (Typed or ROBERT M. RUMM	User/Installer Responsibilities
AUTHORIZED RI	FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	4. Organization Name and Address: BERO ACCESSORIES, 16152 VALERIO ST, VAN NUYS CA. 91406 BEPAIR STATION: XR2R2861.	8. Part Number:	4370		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		Certifies the items intentified above were manufactured in conformity to-	Approved design data and are in condition for safe operation. Non-approved design data specified in Block 12.	TSt-Approval/Authorization No.:	13e-Date:	I]ser/In
1. Approving National Aviation Authority/Country:	FAA/UNITED STATES	4. Organization Name and Address: AERO ACCESSORIES, 16152 VALI REPAIR STATION: XR2R2861.	7. Description:	MAGNETO		NSPECTED & TESTED IN TO COMPLIES WITH SLI	•	s the items identified ab	Approved design data and the in condition for a Non-approved design data specified in Block 12	Authorized Signature:	C'Name (Typed or Printed):	
1. Approving National Authority/Country:	FAA/UN	4. Organizati AERO ACCI REPAIR STA	6. Item:		12. Remarks:	REPAIRED, II THIS MAGNE		13a Condiffs	Approx	13tr. Author	13d. Yame	

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 I, 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 I.

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.

NSN: 0052-00-012-9005 FAA Form 8130-3 (02-14)*Installer must cross-check eligibility with applicable technical data.

	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFO SIGNATURE & CERTIFICATE NO. OF PERSON	RMED— PERFORMING WORK
			758 -	lvanced Aircraft Service 8622 Gibbs Dr. San Diego, CA. 92123 560-7599 Fax 858-560-7507 SSNA SERVICE CENTER	
_	Date: A	april 13, 202 552.6 Hol	3 N#: 4 obs: 4326.2	389X Model: PA28R-200 S/N: 28R-76 Engine Model: IO-360-C1C Engine Serial	35034 RL-36208-51E
para	Install fications an agraph (E) s	ed new cra d safety-will subparagrap	nkshaft sea red. Compl bh (1) (ii), D d and was fo pplicable se	P/N: LW13792P50. Re-installed propeller, torqued with A.D 2015-19-07 fuel injector and fuel lingue again at 7662.6 tach time. Performed ground bund to be satisfactory at this time. All work was ervice manuals. I certify the work accomplished at time and return to service.	run-up, cycled performed in
– _ Jermε	ın Isac Ram	os	Will.	and from from	A&P: 3818250
- Con	nplied with A	A.D 2015-19	-07 fuel injec . All work w	Engine Model: IO-360-C1C Engine Serial tors fuel lines by visual inspection, no abnormalities as performed in accordance with all current applicabilished to be airworthy at this time and return to service.	le service manual. I
- -		certify the w	ork accompl	islied to be all worthy at this time and rotain to service	e.
	an Isac Rar	certify the w	ork accompl	Land fundered the END	A&P: 3818250 ———
		certify the w	ork accompl	Land framfuell	e.
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		certify the w	ork accompl	Silver from fuells. END	e.
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