



PENN YAN AERO
2499 Bath Road
Penn Yan, New York 14527

Telephone: 315/536-2333
FAA Repair Station Y2GR396Y

Invoice **40815**
Work Order # **48284-18**
Customer No. **WES28**

Bill To:
WESTCHESTER FLYING CLUB

Ship To:
TED HAZELWOOD

NY 10603

92020

Date	Ship Via	F.O.B.	Terms
6/12/2018	TRUCK PPD		PREPAID

Customer PO No.	Order Date	Salesperson	Contact
6130	4/20/2018	JEFF TYLER	LARRY

Quantity	Part Number	Description	List Price	Ext.Net Price
1	IO-360-C1C6	CUSTOM MAJOR OVERHAUL	\$29,700.00	\$29,700.00
		WITH NEW CYLINDER UPGRADE		
		NEW CAM & LIFTERS		
		& LIGHTWEIGHT STARTER		
Engine Serial#	L-17548-51A			
Propeller S/N				
		CRATE		\$300.00

Comment

Adjustments - See Comments

		Freight	\$0.00	
		Non Tax Subtotal	\$30,000.00	
		Taxable Subtotal	\$0.00	
		Tax	\$0.00	
		Total	\$30,000.00	
Sch.Dep./Payment Received	6/11/2018	\$30,000.00	Balance Due (\$US)	\$0.00

Tuesday, June 12, 2018

LYCOMING ENGINE SHIPPING LIST - MAJOR OVERHAUL CUSTOM

MODEL # IO-360-C1C6

S/N L-17548-51A

WESTCHESTER F/C

DATE **6/7/2018**

CHECK OUT BY A. COURTNEY

	Y	N	NOTES
BAFFLES FRONT		X	
BAFFLES REAR		X	
BAFFLES SIDE		X	
BREATHER FITTING	X		45
CARBURETOR		X	
SERVO	X		
THROTTLE ARM	X		BOXED
MIXTURE ARM	X		BOXED
FUEL PUMP	X		
FUEL INLET & ADAPTER	X		ON SERVO
CHT FITTING		X	
CHT TYPE & LOCATION		X	
DIPSTICK	X		8 QT
DIPSTICK TUBE	X		75736
EXHAUST STACKS		X	
FILTER CONDENSERS		X	
FLOW DIVIDER	X		1 STR W/HOSE
FUEL INJ. NOZZLES & LINES	X		4 COMPLETE
ALTERNATOR		X	
ALTERNATOR BRACKET		X	
ALTERNATOR CONTROL ARM		X	
HARNESS	X		2 SLICK
INTAKE PIPES	X		4 COMPLETE
INTER CYL. BAFFLES	X		2 COMPLETE
LIFTING EYES	X		1
LOG BOOKS	X		PY YELLOW
MAGNETOS	X		2 SLICK
MAGNETOS DRIVE ADAPTER	X		1
MANIFOLD PRESSURE FITTINGS		X	
MOUNT LEGS		X	
NOSE SEAL RETAINING KIT		X	
OIL COOLER		X	
OIL COOLER FITTINGS	X		1 STR + 1-45
OIL FILTER	X		CH48110-1
OIL FILTER ADAPTER	X		
OIL SUMP	X		
OIL TEMP FITTING		X	
OIL PRESSURE FITTING	X		45
PRIMER JETS & LINES		X	
PROP GOV PAD STUD LENGTH	X		4 @ 1"
PROP GOV LINE	X		
QUICK DRAIN		X	
ROCK BOX DRAIN TUBES	X		4 COMPLETE
SPARK PLUGS	X		8 REM38E
STARTER	X		
STARTER GEAR SUPPORT	X		73565 S.P. UTH
SUPPLY PLUG	X		1 SQ + 1 SCREENED
TEMPERATURE	X		
		X	
	X		

ACCESSORIES

<u>LEFT MAGNETO</u>	P/N	4372
	S/N	18020225
<u>RIGHT MAGNETO</u>	P/N	4370
	S/N	18040757
<u>STARTER</u>	P/N	149-NL
	S/N	H-S030819
<u>ALTERNATOR</u>	P/N	NOT SUPPLIED
	S/N	N/A
<u>FUEL SYSTEM</u>	P/N	2524450-9
	S/N	49869
<u>FUEL PUMP</u>	P/N	15473
	S/N	01JC12
<u>PROP GOV.</u>	P/N	NOT SUPPLIED
	S/N	N/A
<u>VACUUM PUMP</u>	P/N	NOT SUPPLIED
	S/N	N/A

NOTES

CRANKSHAFT P/N - LW 11234
S/N - 117560
CASE M/N - 7073
OIL PRESS. RELIEF VALVE - ADJ
CYLINDERS - NITRIDE
BOXED - MAG HARNESS CLAMP & TIE KIT,
4 EXHST GASKETS, MISC ENG. GASKETS,
THROTTLE & MIXTURE ARMS W/ NUTS,
2 RETAINER PLATES, 4 USED SILICO
GASKETS, 1 BAG MISC. FITTING.

ASSEMBLED AS INDICATED. ORIGINAL CHECK IN ON FILE AT PENN YAN AERO

Engine Maintenance Records

Log Number: _____

Aircraft Registration Number: _____

Engine Manufacturer: Lycoming

Model: IO-360-C1K6

Serial Number: L-17548-51A

Date Installed on Aircraft: _____

Time Between Overhauls: 2000 hours

Engine Position: _____

The Power of Experience



Penn Yan Aero 2499 Bath Road, Penn Yan, New York 14527 U.S.A.
315-536-2333

FAA Repair Station: Y2GR396Y
www.PennYanAero.com

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time	Description of Work Performed Certificate Number & Signature of Technician Performing Work	Page: 1					
				Balance Forward						
				This is to certify that the engine described hereafter has been overhauled by Penn Yan Aero to new parts tolerances and limits as specified by the manufacturer. Engine disassembled, cleaned, inspected, repaired, reassembled, and tested in accordance with data approved by and or acceptable to the FAA. All applicable Airworthiness Directives are in compliance. See A.D. list supplied. This engine has been dynamic balanced in accordance with FAA Approved Process Specification AMP-4302. Installed new Lycoming P/N. 05K21120 cylinder kits at this time. Authorized Signature <table border="1" style="margin-bottom: 10px;"> <tr> <td>Our WO# 48284-18</td> <td>Dated 6/11/2018</td> </tr> <tr> <td>Engine Model IO-360-C1C6</td> <td>Serial Number L-17548-51A</td> </tr> </table> This engine has been overhauled to Zero Time Tolerances by Penn Yan Aero <table border="1" style="margin-bottom: 10px;"> <tr> <td>Previous Time in Service 1586.5</td> </tr> </table>  Penn Yan Aero 2499 Bath Road, Penn Yan, New York 14527 Telephone: 1-315-536-2333 www.pennyanero.com FAA Approved Repair Station: Y2GR396Y	Our WO# 48284-18	Dated 6/11/2018	Engine Model IO-360-C1C6	Serial Number L-17548-51A	Previous Time in Service 1586.5	
Our WO# 48284-18	Dated 6/11/2018									
Engine Model IO-360-C1C6	Serial Number L-17548-51A									
Previous Time in Service 1586.5										
				Totals - Carry Forward						

[illegible]

Reg:	N38658	ENGINE LOG	Date:	07-20-2018
Make:	LYCOMING	Southern Cal Aircraft Inc.	Tach:	1586.50
Model:	IO360-C1C6		TSMOH:	00.0
Ser. No.	RL_17548-51A		HOBBS:	409.0

619-448-5010

I certify that this Aircraft has been inspected in accordance with 100 Hr / Annual Inspection procedure IAW Appendix "D" of Part 43 and has been determined airworthy this date.

This engine was removed and sent to PennYan Aero for overhaul. Returned engine was installed IAW Piper Service Manual. Engine compartment was cleaned and mount was painted. All new Lord mounts and hardware was installed (J7513-40 & AN7-43A & AN7-44 A). Cylinder baffle was repaired and painted with stainless paint (Corroded), new baffle material was installed. Alternator was reworked by replacing bearings, brushes & Diodes with new. Installed Alternator with new Alternator bracket (65199-005) and Alternator belt (MC73965-015). New TSO 53a Type "D" oil cooler hoses installed IAW AD 2017-14-04. Engine air filter was replaced (BA-10). Replaced Scat ducting in eng. Comp. Engine exhaust system removed inspected and installed with gaskets supplied some new hardware installed. Engine was serviced with Aero Shell 100 Mineral oil IAW Lycoming SI 301F. Propeller and governor were installed IAW Piper Service Manual (see prop log for details and 8130-3). Engine was run and Lycoming SI 1094D was C/W & Lycoming SI 1427C, C/W no leaks noted. Charging system was supplying 13.7 volts IAW Piper Service Manual.

Compression Test: 1. 00/80 2. 00/80 3. 00/80 4. 00/80 New Ovhl.

Complete AD list in aircraft records and Penn Yan Aero log book.

AD 90-04-06 Governor oil line, C/W Flex line installed IAW Lycoming SI 1435

AD 2015-19-07 Fuel Inj lines, PIC/W IAW Lycoming SB 342

AD 2017-16-11 Conn. Rod integrity, N/A By engine ovhl date.

Nothing Follows
Each 100 Hrs.
Nothing Follows

Edward Q Hazlewood

Insp. Auth.

07/20/2018

07/20/2018

Balance Forward

Description of Work Performed	Certificate Number & Signature of Technician Performing Work

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N38658

28R-7737106

April 10, 2019

TACH: 1649.1

Replace broken rear alternator support bracket Lycoming P/N LW-13365 with serviceable used bracket.
Adjust alternator belt tension. All work performed in accordance with Piper Arrow maintenance manual procedures and Lycoming Direct Drive Overhaul Manual.

Christopher S Carman

