



**Ly-Con Rebuilding, Co.**  
8231 West Doe Ave. Visalia CA 93291  
(559) 651-1070 Fax (559) 651-3212

**INVOICE**

Inv. Date	Inv. No.
04/29/2016	018766

<b>Bill To:</b>	<b>Acct. No.:</b> 005103
STEVE NELSON 2305 JETLIFT DRIVE ATWATER, CA 95301	

<b>Ship To:</b>

<b>Our W/O No.</b> 041303		<b>Terms</b> DUE UPON RECEIPT	<b>Shipped Via</b> CUST. PICK UP	<b>CERTIFIED</b>
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Qty.	Description	Part No.	List	Disc%	Price Each	Total
	LYCOMING IO-360-A1B6 S/N L-17595-51A					
	LYCON IRAN INSPECTION		\$6196.00			
	BALANCE CRANKSHAFT, RODS, PISTONS, PINS		\$300.00			
	FLYWHEEL					
	PORT FLOW & BALANCE CYLINDERS		\$1200.00			
	COAT PISTONS, VALVES & SPRINGS		\$745.00			
	MODIFY CRANKCASE FOR OIL CONTROL		\$150.00			
	ALODINE HEADS / PAINT BARRELS		\$190.00			
	LY-CON CRANKCASE O-RING MODIFICATION STC		\$678.00			
	ADVANCE CRANKSHAFT GEAR		\$190.00			
	OVERHAUL CRANKCASE		\$1250.00			
	REPLACE CYLINDER DRAIN TUBES		\$191.81			
	MACHINE ACCESSORY HOUSING		\$95.00			
	REPLACE PROP GOV OIL LINE		\$255.81			
	REPLACE FUEL LINES		\$441.40			
	REPAIR OIL SUMP		\$190.00			
	REPLACE QUICK DRAIN		\$17.72			
	COUNTERWEIGHT BUSHINGS		\$69.60			
	INSERT BUSHINGS		\$114.00			
	PLATE CRANKSHAFT FLANGE		\$166.50			
	OVERHAUL CYLINDERS		\$5300.00			
	MISC PARTS REQUIRED TO ASSEMBLE		\$8864.39			
1.00	LABOR REQUIRED FOR IO-3690 IRAN		11234.50		11,234.50	11,234.50



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Qty.	Description	Part No.	List	Disc%	Price Each	Total
	INSPECTION					
1.00	PARTS REQUIRED FOR IO-360 IRAN		15370.73		15,370.73	15,370.73
	INSPECTION					
1.00	TEST CELL RUN		886.00		886.00	886.00
4.00	BUSHING	73810				
4.00	VALVE	SL16740A				
4.00	CAP	SL62388				
4.00	CAP	MS13998-3				
4.00	RING SET	SL3601-SC-P10				
4.00	PISTON PIN	SL13444-1				
4.00	ELBOW 45 DEG	MS20823-6D				
1.00	CRANKCASE	CRANKCASE				
1.00	SEAL & GASKET KIT	75441-1				
2.00	BEARING	18A26093				
4.00	BEARING	18D26096				
8.00	ROD BEARING	18M23887				
8.00	NUT	LW-12186				
6.00	PLUG	1102				
3.00	NOZZLE ASSY	73772				
1.00	NOZZLE ASSY	73772				
8.00	LIFTER	15B26262				

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Qty.	Description	Part No.	List	Disc%	Price Each	Total
1.00	BALL	1028-B				
4.00	BUSHING	LW-13923				
8.00	BUSHING	SL71903A-A				
2.00	ROLLER	14W21696				
2.00	ROLLER	72797				
8.00	RET RING	LW-14820				
8.00	WASHER	SL71907A				
1.00	RET RING	STD-1221				
1.00	BOLT	STD-2246				
1.00	HOSE	STD-1930				
1.00	CLIP	75165				
1.00	CLAMP .38 ID	LW-16266-25-38				
2.00	TUBE ASM	AEL12098-140				
2.00	TUBE ASM	AEL12098-210				
1.00	TUBE ASM	72702				
1.00	TUBE ASM	74808				
1.00	TUBE ASM	73027				
1.00	TUBE ASM	AEL75167				
8.00	SPARK PLUG	REM37BY				
8.00	CLAMP	LW-15592-5-05				
2.00	PLUG	STD-551				

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Qty.	Description	Part No.	List	Disc%	Price Each	Total
1.00	DRIVE STUD	STD-1901				
4.00	CLAMP	LW-16266-10-75				
4.00	CLAMP	LW-16266-10-13				
6.00	SCREW #10 32	STD-860				
6.00	NUT	MS21044N3				
1.00	RET RING	STD-2231				
4.00	HOSE	STD-2180				
8.00	BOLT	AEL75060				
1.00	VERNATHERM	AEL19600				
1.00	OVERHAUL CAMSHAFT	76097 :				
1.00	OIL PUMP BODY	AEL78531				
2.00	IDELER SHAFT - OVERHAULED	LW-13796 :				
1.00	GEAR ASM, IDLER PLAIN - OVERHAULED	74996				
1.00	O RING	MS29512-08				
1.00	OVERHAUL CRANKGEAR	13S19646 !				
1.00	SHAFT	AEL76121				
1.00	PLUNGER	AEL61544				
1.00	BAFFLE ASSY	75337				
1.00	BAFFLE ASM	75338				
1.00	GEAR ASM	SL75072				
3.00	BOLT	LW-31H0.88				



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Qty.	Description	Part No.	List	Disc%	Price Each	Total
3.00	O RING	MS29512-06				
1.00	NUT	STD-2168				
8.00	COATED SPRINGS	LW-11796C				
8.00	COATED SPRINGS	LW-11797C				
1.00	NUT	STD-872				
1.00	WASHER	71623				
1.00	GASKET	AN901-8A				
1.00	VALVE ASM	77808				
1.00	MOUNTING FLANGE ADAPTER	M2638-4				
8.00	KEY	SL72050				
8.00	STUD	31C-12				
8.00	SHAFT	SL72626A				
8.00	BUSHING	74389				
8.00	KEY	MS13997-3				
4.00	GUIDE	75838-P05				
4.00	SOCKET	15B21319				
4.00	SOCKET	15B21319				
1.00	FUEL PUMP	62B26931				
8.00	PLUNGER ASM	15B26066				
1.00	PUSH ROD ASM	15F19957-56				
4.00	CLAMP - MAGNETO	66M19385				

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STEVE NELSON 2305 JETLIFT DRIVE ATWATER, CA 95301	

Ship To:
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Our W/O No.	
041303	
Qty.	Description
8.00	PHILLIPS MINERAL OIL
1.00	ENG LUBRICANT
4.00	DESSICANT PLUG
4.00	CAP
1.00	...

STEPHEN E NELSON  
[Redacted]  
DATE April 29, 2016  
PAY TO THE ORDER OF Ly-Con  
[Redacted]  
P PARKSTERLING BANK  
www.parksterlingbank.com  
Prime Checking  
FOR [Redacted]  
[Redacted]

P PARKSTERLING BANK  
1043 East Morehead Street  
Suite 100  
Charlotte, NC 28204

REMITTER  
STEPHEN E NELSON  
[Redacted]

Date: 4/26/16

Branch: [Redacted]

PAY TO THE ORDER OF LYCON ENGINES

Cashier's Check

MEMO:

[Redacted]

H. Michelle Gentry

PLEASE PAY THIS INVOICE, NO STATEMENT WILL BE SENT. 15% RESTOCKING FEE ON ALL RETURNED PARTS (MIN \$25.00). NO RETURNS ALLOWED AFTER 30 DAYS AND MUST BE IN UNINSTALLED CONDITION. PAST DUE INVOICES ARE SUBJECT TO 1.5% SERVICE CHARGE PER MONTH.

Deposits -  
03/22/2016 AP 18000.00

TOTAL PARTS	15,370.
TOTAL LABOR	12,120.
TOTAL OTHER	\$0.
SUB-TOTAL	\$27,491.

SALES TAX \$1,268.

TOTAL AMOUNT \$28,759.



6	SUMP ASSY, OIL P/N 74384 - INTAKE PIPEBORES HAVE FOD, NEED TO BE REPAIRE IAW SI#1168B "REPAIR OF INTAKE PIPE BORES IN OIL SUMP"	\$190.00
7	CUSTOMER IS MISSING IDLER GEARS, IDLER SHAFTS, CYL BAFFLES, RETAINERS, HOOKS, CAMSHAFT, COUNTERWEIGHT, ENGINE HARDWARE TO ASSEMBLE, THRU-BOLTS, TACHSHAFT, TAPPETS, PLUNGERS, SOCKETS, ETC - MORE ITEMS MAY BE MISSING. SEE FOLLOWING FOR LIST	SEE LIST FOLLOWS
8	QUICK DRAIN - REJECTED, SEALS NOT AVAILABLE - REPALCE W/ PLUG P/N STD-551	\$17.72
9	4 ea 73810 COUNTERWEIGHT BUSHINGS	\$69.60
	INSERT BUSHINGS CTRWEIGHT CRANK BLADE	\$114.00
	CRANKSHAFT P/N LW-11224 S/N 118036 - FLANGE NEEDS TO BE REPLATED.	\$166.50
10	OVERHAUL CYLINDERS - 05K21120 - @ \$1325.00 EA. X 4	\$5,300.00

#### ADDITIONAL PARTS REQUIRED TO ASSEMBLE AND TEST ENGINE

QTY	PART NUMBER, NOMENCLATURE	PRICE TTL
1	SL75441-1 GASKET SET	INCL
2	18A26093 MAIN BEARING	INCL
4	18D26096 MAIN BEARING	INCL
8	18M23887 CONNECTING ROD BEARING	INCL
8	SL75060 CONNECTING ROD BOLT	INCL
8	LW12186 CONNECTING ROD NUT	INCL
6	1102 PLUG	\$10.80
4	73772 CRANKCASE OIL SQUIRT	\$164.72
8	15B26588 LIFTER TAPPET	\$875.52
8	15B26066 HYDRAULIC UNIT	\$484.96
1	1028B OIL PRESSURE BYPASS BALL	\$4.70
1	LW11713 SPRING, OIL PRESSURE BYPASS	\$37.29
4	LW13923 CONNECTING ROD BUSHING	\$19.76
8	71903-A COUNTERWEIGHT BUSHING	\$99.36
2	14W21696 COUNTERWEIGHT ROLLER	\$124.28
2	72797 COUNTERWEIGHT ROLLER	\$70.78
8	LW14820 RETAINING RING	\$13.20
8	71907 COUNTERWEIGHT PLATE	\$236.08
1	STD2246 CRANKSHAFT BOLT	\$19.74
1	STD2231 RETAINING RING	\$5.64
1	STD1221 RETAINING RING	\$3.33
1	STD1930 HOSE	\$6.51
1	75165 CLIP, GOV LINE SUPPORT	\$13.90
1	LW16625-25-38 CLAMP	\$4.94
8	REM37BY SPARK PLUG	\$370.40
1	53E22144 VERNITHERM	\$371.88
4	STD2180 HOSE	\$19.40
8	LW15592-5-05 CLAMP HOSE	\$41.76
1	STD1901	\$2.37

4	LW16266-10-75 CLAMP	\$9.88
4	LW16266-10-13 CLAMP	\$8.60
6	STD860 SCREW FUEL LINE	\$11.34
6	MS21044N3 FUEL LINE NUT	\$7.50
1	62B26931 FUEL PUMP	\$381.10
1	LW-12706 MAGNETO ADAPTER	\$101.16
8	PUSH RODS TO LENGTH	\$333.92
2	LW13796 SHAFT	\$239.14
8	15B21319 SOCKET	\$128.08
8	72255 PUSH ROD TUBES	\$204.08
1	LW18840 CAMSHAFT	\$1,062.36
2	72801 COUNTERWEIGHT	\$1,248.92
1	76121 TACH DRIVE SHAFT	\$172.40
1	4 CYL HARDWARE KIT	\$500.00
4	76220 THROUGH BOLTS	\$720.12
2	76110 BAFFLE HOOKS	\$10.98
2	71611 BAFFLE RETAINERS	\$31.08
1	75337 BAFFLE	\$86.54
1	75338 BAFFLE	\$73.50

TOTAL PRICE DEPENDS ON EXTRAS SELECTED, ALL APPLICABLE TAX ON PARTS AND IS F.O.B VISALIA, CA.

A 50% DEPOSIT IS REQUIRED TO BEGIN YOUR INSPECTION WITH THE BALANCE DUE UPON COMPLETION. THIS PRICE QUOTE IS GOOD FOR 30 DAYS. IF YOU HAVE ANY QUESTIONS, PLEASE CALL OR EMAIL FOR ASSISTANCE.

THANK YOU FOR ALLOWING US TO QUOTE ON YOUR ENGINE NEEDS,

KEN L TUNNELL/LL





## AIRCRAFT ENGINES & ACCESSORIES

( 559 ) 651-1070 OFFICE  
( 559 ) 651-3212 FAX

8231 W. DOE AVE.  
VISALIA CA. 93291  
FAA REPAIR STATION #CT3R435L

WEB: <http://www.lycon.com>  
e-mail: [ken@lycon.com](mailto:ken@lycon.com)

DATE 01/28/16

CUSTOMER STEVE NELSON

PHONE: 330-608-5069

email: [stevekv3m@gmail.com](mailto:stevekv3m@gmail.com)

ATTN: STEVE

REF: IRAN INSPECTION LYCOMING IO-360-A1B6 QUOTEBACK

YOUR ENGINE WILL BE DISASSEMBLED FOR AN IRAN INSPECTION. **LY-CON** IRAN INSPECTIONS INCLUDE NEW MAIN AND ROD BEARINGS, NEW ROD BOLTS AND NUTS AND A COMPLETE GASKET SET. THIS ESTIMATE DOES NOT INCLUDE ANY ACCESSORY OR FUEL SYSTEM OVERHAULS, AD's, SERVICE BULLETIN's OR STATE AND LOCAL TAXES. TURN AROUND TIME TO BE DETERMINED AFTER WE RECEIVE YOUR DEPOSIT.

**LY-CON IRAN INSPECTION**

**\$6,196.00**

### IRAN INSPECTION INCLUDES

NEW ROD AND MAIN BEARINGS, NEW ROD BOLTS AND NUTS, AND A COMPLETE GASKET SET. **NOTE:** THE CRANKSHAFT, CRANKCASE, GEARS AND RODS MUST BE SERVICEABLE WITH EVERYTHING ELSE REPAIRABLE.

### OPTIONS AND EXTRAS

TEST CELL RUN (2 HOURS) ADD	<b>\$886.00</b>
BALANCING OF CRANKSHAFT, CONNECTING RODS, PISTONS, PISTON PINS, STARTER FLYWHEEL ADD	<b>\$300.00</b>
PORT FLOW AND BALANCE CYLINDERS ADD	<b>\$1,200.00</b>
NFS FORGED ALUMINUM 10:1 COMPRESSION PISTONS (\$275.00 EACH) ADD	<b>\$1,100.00</b>
SPECIAL COATING ON PISTONS, VALVES AND VALVE SPRINGS 4 CYLINDER	<b>\$745.00</b>
MODIFY CRANKCASE FOR IMPROVED OIL CONTROL ADD	<b>\$150.00</b>
STRIP PAINT FROM CYLINDERS, ALODINE HEADS AND PAINT STEEL BARRELS GLOSS BLACK ADD	<b>\$190.00</b>
LYCOMING CRANKCASE O-RING SEAL MODIFICATION STC <b>SE01954SE</b> ADD	<b>\$678.00</b>
ADVANCE CRANKSHAFT GEAR	<b>\$190.00</b>

### THIS ENGINE HAS BEEN DISASSEMBLED AND INSPECTED, THE FOLLOWING DISCREPANCIES WERE NOTED:

- |   |   |                   |
|---|---|-------------------|
| 1 | CRANKCASE I.D. #7070 - CASES ARE CRACKED BETWEEN #1 & 3 CYL. PAD - HAS BROKEN NOZZLE ASSY P/N 73772 - REST OF NOZZLES WILL BE REPLACED DUE TO MAJOR HEAT FOR REMOVAL. SENT OUT FOR WELD REPAIRS AND OVERHAUL. | <b>\$1,250.00</b> |
| 2 | 3EA TUBE ASSY, CYLINDER OIL DRAIN P/N'S 1EA P/N 72702, 1EA P/N 74808, & 1EA P/N 73027 - REJECTED, EXCESSIVE GOUGING AND WEAR.   | <b>\$191.81</b>   |
| 3 | HOUSING ASSY, ACCESSORY P/N 76110 - OIL PUMP PAD HAS FOD & NEEDS TO BE MACHINED FLAT.   | <b>\$95.00</b>    |
| 4 | TUBE ASSY, PROP GOV OIL LINE P/N 75167 - REJECTED, EXCESS FOD.  | <b>\$255.81</b>   |
| 5 | 4EA TUBE ASSY, FUEL LINE P/N'S 2EA P/N LW-12098-0-140 & 2EA P/N LW-12098-0-210 - REJECTED, CRACKED.   | <b>\$441.40</b>   |