



AIRCRAFT ENGINES & ACCESSORIES

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DATE 01/28/16

CUSTOMER STEVE NELSON

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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	\$886.00
BALANCING OF CRANKSHAFT, CONNECTING RODS, PISTONS, PISTON PINS, STARTER FLYWHEEL ADD	\$300.00
PORT FLOW AND BALANCE CYLINDERS ADD	\$1,200.00
NFS FORGED ALUMINUM 10:1 COMPRESSION PISTONS (\$275.00 EACH) ADD	\$1,100.00
SPECIAL COATING ON PISTONS, VALVES AND VALVE SPRINGS 4 CYLINDER	\$745.00
MODIFY CRANKCASE FOR IMPROVED OIL CONTROL ADD	\$150.00
THRUST WASHER MODIFICATION FOR REAR MAIN ADD	\$750.00
CAMSHAFT TIMING ADVANCE (EXPERIMENTAL ENGINES ONLY)	\$250.00
STRIP PAINT FROM CYLINDERS, ALODINE HEADS AND PAINT STEEL BARRELS GLOSS BLACK ADD	\$190.00
LYCOMING CRANKCASE O-RING SEAL MODIFICATION STC SE01954SE ADD	\$678.00
ADVANCE CRANKSHAFT GEAR	\$190.00

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. | \$1,250.00 |
| 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. | \$191.81 |
| 3 | HOUSING ASSY, ACCESSORY P/N 76110 - OIL PUMP PAD HAS FOD & NEEDS TO BE MACHINED FLAT. | \$95.00 |
| 4 | TUBE ASSY, PROP GOV OIL LINE P/N 75167 - REJECTED, EXCESS FOD. | \$255.81 |
| 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. | \$441.40 |

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 - RELACE W/ PLUG P/N STD-551	\$17.72
9	4 ea 73810 COUNTERWEIGHT BUSHINGS	\$69.60
	INSERT BUSHINGS , COUNTERWEIGHT 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
	INSTALL BUSHINGS, COUNTERWEIGHTS	\$95.00
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	SET OF 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 O/H	\$1,248.92
1	74996 IDLER GEAR O/H	\$192.12
1	75072 IDLER GEAR O/H	\$245.25
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