

| Crankcase Overhaul Services | | | |
|---|---|---------------|--------------|
| Weld, Machine and Yellow Tag – Overhaul or Exchange | | | |
| Ref. Code | Make & Model | List | Dealer Net |
| Continental* | | | |
| CC1 | A Series, C-75, C-85, C-90, 200 Series | 1,260.00 | 756.00 |
| CC2 | C-125, C-145, 300 Series | 1,550.00 | 930.00 |
| CC3 | E-Series, 360 Series | 1,550.00 | 930.00 |
| CC4 | 470/520 Series | 2,120.00 | 1,272.00 |
| CC5 | TCM GTSIO Series | 2,760.00 | 1,656.00 |
| Lycoming* | | | |
| CC6 | 235, 290, 320, 340, 360 Series | 1,420.00 | 852.00 |
| CC7 | 435, 480, 540 Series | 1,820.00 | 1,092.00 |
| CC8 | TIO-541 Series | 2,500.00 | 1,500.00 |
| CC9 | TIGO-541 Series | 4,440.00 | 2,664.00 |
| CC10 | 720 Series | 2,800.00 | 1,680.00 |
| CC11 | Tappet Bore Sleeve Repair | 60.00 each | 36.00 each |
| Oil Sump Intake Pipe Repair per SI 1168 B (plus cost of parts) | | | |
| CCM29 | 4 Cylinder | 132.00 /Hr*** | 79.20 /Hr*** |
| CCM30 | 6 Cylinder | 132.00 /Hr*** | 79.20 /Hr*** |
| ACOTH | Accessory Cases (Aluminum and Magnesium)** | 132.00 /Hr*** | 79.20 /Hr*** |

Parts Included Are: Plugs, Dowels, Cylinder Deck Studs (only when damaged) and Starter Needle Bearing (TCM).

* The above prices include the repair of two (2) tappet bores (if required). Additional tappet bores will be billed at the published rate.

** White tag only for crack inspection. No welding on accessory cases.

*** Minimum hourly rate is one-half (1/2) hour.

| Custom Sooner Crankcase Services | | | |
|---|-----------------|----------|------------|
| Minor Weld and Yellow Tag. ECI will determine eligibility based on work required. | | | |
| Ref. Code | Type | List | Dealer Net |
| Minor Welding (cylinder deck cracks only) | | | |
| Lap parting surface | | | |
| Line bore main and cam journals to new limits | | | |
| Deck height must clean up within 0.010" below new limits | | | |
| Best warranty in the business | | | |
| CCS1 | 4 Cylinder Case | 1,120.00 | 672.00 |
| CCS2 | 6 Cylinder Case | 1,260.00 | 756.00 |

| Crankcase Repairs | | | |
|--------------------------|---------------------------|----------|------------|
| Lap & Linebore Services | | | |
| Ref. Code | Type | List | Dealer Net |
| Continental | | | |
| CCL1 | 4 Cylinder | 980.00 | 588.00 |
| CCL2 | 6 Cylinder (except GTSIO) | 1,120.00 | 672.00 |
| CCL3 | GTSIO Series | 1,560.00 | 936.00 |
| Lycoming | | | |
| CCL4 | 4 Cylinder | 980.00 | 588.00 |
| CCL5 | 6 Cylinder | 1,120.00 | 672.00 |
| CCL6 | 8 Cylinder | 1,560.00 | 936.00 |

The service will include the following:

- Crankcase lapped to ensure flatness.
- Crankshaft and camshaft journals linebored to new limits.
- Relocation of gear train as required to assure proper backlash.
- Hardness test.
- Warranty limited to the repair accomplished on crankcase.
- "White Tag" maintenance release.

The service does not include the following:

- Cleaning or dye penetrant inspection. Customer must clean crankcase, inspect and provide "crack free" certification (A&P number not required).
- Replacement of any parts except those which need to be replaced to accomplish the repair (i.e. Lycoming bearing dowels).
- Compliance with any O.E.M. Service Bulletin will only be at customer request and subject to additional cost.
- Alodine or paint.

| Crankcase Modifications | | | |
|---|---|--------|------------|
| Ref. Code | Description | List | Dealer Net |
| Crankcases | | | |
| Lycoming 4 cylinder crankcase mount conversion from Conical or Dynafocal Type 2 to Dynafocal Type 1 | | | |
| CCM1 | Previously Yellow Tagged Case | 480.00 | 240.00 |
| CCM2 | With Overhaul | 360.00 | 180.00 |
| Modify case from small to large bore (per AEC65304) | | | |
| CCM3 | Previously Tagged Case | 570.00 | 285.00 |
| CCM4 | With Overhaul | 470.00 | 282.00 |
| Comply with Lycoming SI 1123C with overhaul (plus cost of parts) | | | |
| CCM5 | 4 Cylinder Crankcases | 90.00 | 54.00 |
| CCM6 | 6 Cylinder Crankcases | 136.00 | 81.60 |
| Modify for 7th Stud Installation (per SB 90-16) (plus cost of parts) | | | |
| CCM7 | Previously Yellow Tagged Case | 430.00 | 258.00 |
| CCM8 | With Overhaul | 380.00 | 228.00 |
| Lycoming-style | | | |
| CCM9 | T Modification for 76 Series (per STCSE702NE), LYC | 200.00 | 120.00 |
| CCM15 | SI 1290 Part II Oil Seal Modification, LYC | 60.00 | 36.00 |
| CCM17 | Machine Oil Inhibitor Groove, LYC | 57.00 | 34.20 |
| CCM19 | Machine for Cooling Nozzle, 4 Cylinder, LYC | 342.00 | 205.20 |
| CCM20 | Drill Prop Governor Oil Feed Hole, LYC | 57.00 | 34.20 |
| CCM21 | Modify Front Main for 2-piece Bearing, LYC | 228.00 | 136.80 |
| CCM22 | Modify Crankcase to Large Bore, 4 Cylinder, LYC | 342.00 | 205.20 |
| CCM23 | Oil Seal Snap Ring Repair, LYC | 114.00 | 68.40 |
| CCM24 | Modify for Installation of TCM Thrust Washer, LYC | 285.00 | 171.00 |
| CCM25 | Repair Oil Press Seat (SI 1172C), LYC (plus parts) | 57.00 | 34.20 |
| CCM26 | Convert Pushrod Cups (up/down draft modification), LYC | 456.00 | 273.60 |
| CCM27 | Idler Gear Bolt Hole Conversion (1/4" to 5/16"), LYC | 114.00 | 68.40 |
| CCM35 | Modify P015 to STD Main, LYC | 792.00 | 475.20 |
| CCM36 | Replace Magneto Bushing per SI 1386 (parts not included), LYC | 198.00 | 118.80 |
| CCM28 | Alodine | 83.30 | 49.98 |
| Continental-style | | | |
| CCM10 | Comply with TCM SB M92-7 (plus cost of parts) | 90.00 | 54.00 |
| CCM11 | Thrustwasher Repair, TCM | 171.00 | 102.60 |
| CCM12 | Modify for Cooling Nozzle, TCM (plus parts) | 114.00 | 68.40 |
| CCM13 | Crankcase Service, Comply SB M 86-9, TCM | 132.00 | 79.20 |
| CCM14 | Helicoil Cylinder Pads, 4 Cylinder, TCM | 570.00 | 342.00 |
| CCM18 | Modify 470 Bore to 520 Bore, TCM | 342.00 | 205.20 |
| CCM28 | Alodine | 83.30 | 49.98 |

| Accessory Cases | | | |
|--|---|--------|------------|
| Ref. Code | Description | List | Dealer Net |
| Accessory Cases (limited inspection & repair) | | | |
| CCM31 | Tach Boss Repair | 342.00 | 205.20 |
| CCM32 | Oil Pump Surface Repair | 57.00 | 34.20 |
| CCM33 | Idler Shaft Boss Repair | 193.80 | 116.28 |
| CCM34 | Breather Shield Modification (plus cost of parts) | 171.00 | 102.60 |