



## RAM AIRCRAFT, LP

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**ENGINES • PARTS • PROPELLERS • ACCESSORIES • STC'S**

### Cessna 310R

#### RAM Overhaul and Improvement Package ( R.O.I. )

##### Two Engines - OHE CMI IO-520-MB

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| <ul style="list-style-type: none"> <li>• Horsepower - 285 hp</li> <li>• TBO - 1700 hr.</li> <li>• Cylinders - NE<br/>[ RAM <i>Nickel New</i> Cylinder Package ]</li> <li>• Crankcase - heavy style case - OHE<br/>[ with 7th studs on cylinder bases ]</li> <li>• Crankshaft - OHE</li> <li>• Camshaft - RAM</li> <li>• Alternator - exchange</li> <li>• Air filter - RAM - new</li> <li>• Starter and starter drive - OHE</li> <li>• Magnetos - Bendix 200 Series - OHE<br/>[ S6RSC-201 &amp; 205 ]</li> <li>• Spark plugs - new</li> <li>• Magneto harness - Champion - new</li> <li>• Fuel injection system - OHE</li> <li>• Induction couplings &amp; clamps - new</li> <li>• Induction duct - new</li> <li>• Intercylinder baffles - refurbish, painted and installed - exchange</li> </ul> | <ul style="list-style-type: none"> <li>• Metal Baffles - reuse customer's [ refurbished and painted ]</li> <li>• Baffle seal kit - new<br/>[ RAM <i>SureStand</i> red silicone rubber ]</li> <li>• Cooling shroud - RAM new<br/>[ for dry vacuum pump ]</li> <li>• Oil cooler - NE</li> <li>• Precision balance - exchange<br/>[ crankshaft and rod sets ]</li> <li>• Core Return Policy - See:<br/>RAM OHE CMI IO-520<br/>Engine Overhaul Specifications.</li> <li>• Also see:<br/>RAM Value Options &amp; Compliance Items.</li> </ul> <p>OHE = Overhauled Exchange<br/>NE = New Exchange - OEM or PMA<br/>New = New Outright - OEM or PMA<br/>New Items = Subject to test time,<br/>ferry time and inventory time.</p> |
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##### Installation Parts - Included

- Primary fuel and oil hose kits - heavy duty - *Teflon*<sup>™</sup> - new
- Engine shock mounts - new

##### Installation and Set-up

- Each aircraft receives a detailed preflight and flight inspection to ensure airworthiness and to document performance of instruments, flight controls, landing gear, accessories, lights, and avionics.
- Discrepancies are brought to customer's attention. Unairworthy items must be repaired at customer's expense during RAM proceedings in order for RAM to set up, fly, and deliver the finished product.
- Old engines are removed. Engine beds are cleaned. Mount structures are inspected and corrosion treated. Four hours labor per engine is standard.
- Due to its tendency to contaminate the engine oil supply, if installed, the propeller unfeathering accumulators will be disabled unless optionally replaced with a newer unit. OHE: \$875 / each
- Applicable RAM R.O.I. Installation Parts and Upgrade Kit are installed.
- Engines installed and setup, involving multiple flights and fuel.
- Aircraft washed. Interior cleaned prior to delivery and customer acceptance.

## RAM Overhauled Engine TBO Warranty

100% Engine and accessories, for the 1st year, or 500-hrs, whichever occurs first. Thereafter, the engine only is warranted on a prorata basis to TBO at RAM's reduced minimum accrual rate of only 30 hours per month, thus extending coverage over four years. For complete details go to [www.ramaircraft.com/ramtbowarranty](http://www.ramaircraft.com/ramtbowarranty)

## Cessna 310R

Three Complete RAM ( R.O.I. ) Packages  
Installed at RAM - exchange

### • Option 1.....\$78,952

- RAM OHE CMI IO-520-MB Engines
- Installation Parts - Included
- Installation and Set-up
- Propellers - Reuse & Flush Customer's
- Governors - Reuse & Flush Customer's
- [ To reuse, propellers and governors must be airworthy. ]

### • Option 2.....\$89,207

- RAM OHE CMI IO-520-MB Engines
- Installation Parts - Included
- Installation and Set-up
- Propellers - Overhaul Customer's
- Governors - Overhaul Customer's
- [ De-ice boots are not included with prop overhauls ]
- [ Overhaul is a condition item ]
- [ Additional charges apply if prop OH exceeds \$4,500 / each. ]
- [ Additional charges apply if governors OH exceeds \$1,050 / each ]

### • Option 3.....\$101,330

- RAM OHE CMI IO-520-MB Engines
- Installation Parts - Included
- Installation and Set-up
- Propellers - New Hartzell Top Props with spinners & bulkheads. ( no de-ice ) - NE
- Governors - Overhaul Customer's
- [ De-ice boots and airframe kit are not included with new props: Add \$3,500 ]

## Value Options:

When selected during a ( R.O.I. ) installation.

- EGT gauge - range marked - new leads and probes.....\$762
- RAM RPS2000 electronic synchrophaser ( w/DER approval )  
and two McCaulry MC-1 governors - exchange .....\$5,196
- Exhaust muffler - PMA new - stainless steel - each .....\$442
- Exhaust riser - PMA new - stainless steel - each .....\$675
- Vacuum pumps - *Tempest* AA442CW - each - New.....\$1,535
- Vacuum pumps - *Tempest* AA3216CW - each - New.....\$589
- Prop Unfeathering accumulator - each - OHE .....\$875
- Shadin Digiflo-L electronic fuel management - new.....\$3,935  
[ without RAM connecting the avionics interface ]
- **Crankcase** Upgrade ..... Call  
[ Upgrade light crankcase to heavy case ]
- **Crankshaft** Upgrade ..... Call  
[ Upgrade non-VAR crankshaft to VAR type ]
- Upgrade from standard massive plugs to fine wire spark plugs. Per engine - new: \$870
- Hartzell de-ice kit:.....\$4,800