



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 TCM IO-520-MB

- Horsepower - 285 hp
 - TBO - 1700 hr.
 - Cylinders - NE
[RAM *Nickel New* Cylinder Package]
 - Crankcase - heavy style case - OHE
[with 7th studs on cylinder bases]
 - Crankshaft - OHE
 - Camshaft - RAM high efficiency
 - Alternator with clutch - OHE
 - Air filter - RAM - new
 - Starter and starter drive - OHE
 - Magnetos - Bendix 200 Series - OHE
[S6RSC-201 & 205]
 - Spark plugs - new
 - Magneto harness - Champion - new
 - Fuel injection system - OHE
 - Induction couplings & clamps - new
 - Induction duct - new
 - Intercylinder baffles - refurbish, painted and installed - exchange
 - Metal Baffles - reuse customer's [refurbished and painted]
 - Baffle seal kit - new
[RAM *SureStand* red silicone rubber]
 - Cooling shroud - RAM new
[for dry vacuum pump]
 - Oil cooler - NE
 - Precision balance - exchange
[crankshaft and rod sets]
 - Core Return Policy - See:
[RAM OHE TCM IO-520 Engine Overhaul Specifications.](#)
 - Also see:
[RAM Value Options & Compliance Items.](#)
- OHE = Overhauled Exchange
NE = New Exchange - OEM or PMA
New = New Outright - OEM or PMA
New Items = Subject to test time, ferry time and inventory time.

Installation Parts - Included

- Primary fuel and oil hose kits - heavy duty - *Teflon*TM - 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.

Cessna 310R

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

- **Option 1.....\$75,240**

- RAM OHE TCM 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.....\$85,495**

- RAM OHE TCM 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.....\$96,618**

- RAM OHE TCM 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\$4,658
- Exhaust muffler - PMA new - stainless steel - each\$399
- Exhaust riser - PMA new - stainless steel - each\$675
- Vacuum pumps - *Tempest* AA442CW - each - New.....\$1,504
- Vacuum pumps - *Tempest* AA3216CW - each - New.....\$572
- Prop Unfeathering accumulator - each - OHE\$875
- Shadin Digiflo-L electronic fuel management - new.....\$3,935
[without RAM connecting the avionics interface]
- **Crankcase** UpgradeCall
[Upgrade light crankcase to heavy case]
- **Crankshaft** UpgradeCall
[Upgrade non-VAR crankshaft to VAR type]
- Upgrade from standard massive plugs to fine wire spark plugs. Per engine - new: \$731
- Hartzell de-ice kit.....\$3,500