



**Exchange Core Policy:** Engine, crankcase, crankshaft, internal gears, exhaust, accessories, propeller, governor, and hardware items are only sold on an exchange basis, based upon the customer's exchange of like type and normal runout cores as removed from subject aircraft, and serviceable to RAM's overhaul specifications. Cores should be returned within 30 days of RAM OHE engine shipment, or immediately with a RAM installation. Non-serviceable core fees will be due and payable to RAM.

### Upgrade Kit - Included - Series I - 300 hp

- Propellers - Hartzell ScimitarPlus - NE [ Includes de-ice boots - new ] [ Spinner and bulkhead - NE ] [ slip ring - refurbished exchange ]
- McCauley MC-1 Governors - exchange
- Propeller Electronic Synchrophaser Control Box - RAM RPS2000 - new
- Shadin Digiflo-L Electronic Fuel Management - new [ without RAM connecting the avionics interface ]
- EGT gauge range marked - new [ with probes - new ] [ new leads as required ]
- Tach, MP and 3-in-1 engine gauges [ check calibration and range mark ]
- Serviceable ( non-TAS ) airspeed indicators - remarked [ If TAS indicator is currently installed, consult with your RAM representative. ]
- Gross Weight Increase STC and Flight Manual Supplement  
T310 P [ + 270 lbs. Useful load ] [ GW from 5,400 up to 5,670 lbs. ]  
T310 Q [ +170 lbs. Useful load ] [ GW from 5, 500 up to 5,670 lbs. ]

### 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. Prop Unfeathering Accumulator: \$875 / each - OHE
- Applicable RAM R.O.I. Installation Parts and Upgrade Kit are installed.
- Engines installed and set up, involving multiple flights and fuel.
- Aircraft washed and interior cleaned prior to delivery and customer acceptance.

## Cessna T310/320

### RAM Complete ( R.O.I. ) Package: \$137,040

Installed at RAM - exchange

- **RAM OHE CMI TSIO-520-EB Engines - 300 hp**
- **Installation Parts - Included**
- **Installation and Set-up**
- **Upgrade kit - Series I**
- **Note:** Upgrading from TSIO-520-B, -BB, or -E [ additional upgrade charge for Turbo controller: \$900 / engine ]

\*Upgrade to Nickel Cylinders: \$1,400

### Optional Parts and Engine Installation Items

- **New 100 amp Alternator Package:**  
Hartzell Engine Technologies ALV9610 with nut, thrust washer, cotter key, and New PMA Alternator clutch. When purchased with an engine RAM will install for no additional cost. (Retail \$2,444) Only when purchased with a RAM engine: \$1,462 each - Exchange
- **Cooling Shroud Kit** for dry vacuum pump - New: \$55 each