



RAM AIRCRAFT, LP

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ENGINES • PARTS • PROPELLERS • ACCESSORIES • STC'S

TSIO-520-VB Cessna 402C

RAM OHE Continental TSIO-520-VB Engine

- | | |
|---|--|
| <ul style="list-style-type: none"> • Horsepower - 325 hp • TBO - 1600 hrs. • SAP Millennium Cylinders - NE • Crankcase - heavy w/ 7th studs - OHE • Crankshaft - OHE • Camshaft - RAM High Efficiency - NE • Starter and starter drive - OHE • Spark plugs - new • Magneto harness - Champion - new • Magnetos - Champion Slick 6320 - NE [pressurized] • Fuel injection system - OHE • Oil filter - new • Induction couplings intake manifold - new • Metal baffles - refurbished and painted - exchange | <ul style="list-style-type: none"> • Baffle seals - RAM <i>SureStand</i> red silicone rubber - new • Oil cooler: Flushed and inspected - exchange • Air/oil separator - inspected and repaired - exchange • Balance: crankshaft and rod sets - exchange • Core Return Policy - See: RAM Exchange Core Policy on Page 2. • Also see:
RAM Value Options & Compliance Items. <p>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.</p> |
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Kit Components - Packaged Separately and Included

- Couplers - intake riser - new
- Throttle and control assembly - OHE
- Turbocharger - OHE
- Turbo controller - OHE
- Overboost relief valve - OHE
- Air filter - RAM - new
- Spare accessory gasket set - new

RAM OHE Engine

CMG TSIO-520-VB: \$46,550

Shipped - exchange, or Custom Overhauled - exchange

Additional Specifications

- **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
- **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.
- **Items not included:** Vacuum pump, alternator, tach generator, hoses, wastegate, exhaust risers and exhaust parts are not included unless specified by a RAM Work Order Supplement.
- **See RAM literature sheets:**
[Value Options & Compliance Items](#)
[RAM OHE CMG TSIO-520 Engine Overhaul Specifications and Exchange Engine Core Policy.](#)

Optional Parts and Engine Installation Items

- **Wastegate and actuator** - each - OHE: \$1,650 [Core Charge: \$300]
- **Engine shock mounts** - Engine set of (4) - new: \$1,028
- **Engine control cables** -Throttle, Prop, Mixture and Alternate air
RAM PMA new - each: Call
- **Induction boot** - CMG #642591 / RAM #1951-1 - each - new: \$599
- **Exhaust slip joint with hardware** - RAM PMA - each - new: \$355
- **Stainless steel exhaust risers** - PMA new - Engine set (2) - new: \$1,864
[Two risers at \$932 per side]
- **Fuel and oil primary hoses** - *Teflon*[™] - w /integral firesleeve.
Per engine - new: \$1,245
- **Propeller unfeathering accumulator** - Source for contaminating engine oil.
RAM recommends older accumulator be disabled unless replaced by a newer unit. Each - OHE: \$875 [Core charge: \$400]
- **Upgrade** from standard massive plugs to fine wire spark plugs. Per engine - new: \$864
- **RAM Parts Catalog** - Additional engine and installation parts. Ask for free copy.
- **New 100 amp Alternator Package:**
Hartzell Engine Technologies ALV9610 with nut, thrust washer, cotter key, and overhauled Alternator clutch. When purchased with an engine RAM will install for no additional cost. (Retail \$2,181) Only when purchased with a RAM engine:\$1,662 each - Exchange
- **Cooling Shroud Kit** for dry vacuum pump - New: \$58 each
- **Cylinder Upgrade Options:**
 - Upgrade SAP Millennium cylinders to nickel: \$1,500 per engine.
 - Ask your RAM Representative for current market prices for CMG cylinders.

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