



RAM AIRCRAFT, LP

7505 Karl May Drive • Waco Regional Airport • P.O. Box 5219 • Waco, TX 76708
Phone: (254) 752-8381 • Fax: (254) 752-3307 • www.ramaircraft.com

ENGINES • PARTS • PROPELLERS • ACCESSORIES • STC'S

GTSIO-520-H Cessna 421B

RAM OHE TCM GTSIO-520-H

- Horsepower - 375 hp
- TBO - 1600 hrs.
- RAM *Nickel New* Cylinders - NE
- Crankcase - w/7th studs on heavy style case, like core required - OHE
- Propeller shaft, quill shaft, and reduction gear - OHE
- Crankshaft - OHE
- Camshaft - NE
- Alternator - OHE
- Starter and starter drive - OHE
- Spark plugs - new
- Magneto harness - Champion - new
- TCM/Bendix Magnetos - OHE [non - pressurized]
- Fuel injection system - OHE
- Induction couplings on the intake manifold - new
- Metal baffles - refurbished and painted - exchange
- Air Oil Separator - inspected and repair - exchange
- Baffle Seals - RAM *SureStand* red silicone rubber - new
- Oil cooler - NE
- Balance: crankshaft and rod sets - exchange
- Core Return Policy - See: [RAM OHE TCM GTSIO-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.

Kit Components - Packaged Separately and Included

- Engine oil - break-in oil - new
- Oil filter - new
- Coupler - throttle body to turbo - new
- Throttle and control assembly - OHE
- Turbocharger - OHE
- Turbo controller - OHE
- Overboost relief valve - OHE
- Intercooler - inspected and repaired - exchange
- Air filter - new
- Cooling shroud for dry vacuum pump - RAM kit - new
- Spare accessory gasket set - new

RAM OHE Engine TCM GTSIO-520-H: \$50,640

Shipped - exchange, or Custom Overhauled - exchange

Additional Specifications

- **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, tach generator, hoses, wastegate, exhaust risers and exhaust parts are not included unless specified by a RAM Work Order Supplement.
- **Crankcase Upgrade:** RAM overhauls engines using only heavy crankcases. Upgrade light crankcase to heavy crankcase. Ask your RAM sales representative for current price.

- **See RAM literature sheets:**
[Value Options & Compliance Items.](#)
[RAM OHE TCM GTSIO-520 Engine Overhaul Specifications and Exchange Engine Core Policy.](#)

Optional Parts and Engine Installation Items

- **Wastegate and actuator:** Each - OHE: \$1,430 [Core Charge: \$275]
- **Engine shock mounts:** Engine Set of (4) - new: \$836
- **Engine control cables:** Throttle, Prop, Mixture and Alternate air. RAM PMA-New: \$524 each
- **Exhaust slip joint:** 421B type with hardware. PMA-New: \$580 each
- **Hose kits - Teflon™** with Integral firesleeve
 - Fuel & Oil primary hoses - per engine - new: \$1,800
 - Air conditioning - new: \$344
- **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]
- **Duct:** Turbo to intercooler (LH), induction air: \$687
- **Duct:** Turbo to intercooler (RH), induction air: \$687
- Upgrade from standard massive plugs to fine wire spark plugs. Per engine - new: \$731
- **RAM Parts Catalog:** Engine and installation parts. Ask for a free copy.

RAM Aircraft, LP • 7505 Karl May Drive • P.O. Box 5219 • Waco, TX 76708
 Phone: (254) 752-8381 • Fax: (254) 752-3307 • www.ramaircraft.com

