



## 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**

### TSIO-520-P or -AF Cessna P210

#### RAM OHE TCM TSIO-520-P or -AF

- Rated maximum takeoff (5 min. max) 310 BHP @ 2700 RPM
- Rated maximum continuous operation 285 BHP @ 2600 RPM
- Horsepower: 310 hp
- TBO: 1600 hrs.
- RAM *Nickel New* Cylinders - NE
- Crankcase - w /7th studs on heavy style case, like type heavy core is required - OHE
- Camshaft - NE
- Crankshaft - OHE
- Alternator, one each primary - OHE
- Starter and starter drive - OHE
- Spark plugs - new
- Magnetos - Champion Slick 6320 pressurized magnetos - NE
- Magneto harness - Champion - new
- Fuel Injection System - OHE
- Oil filter - new
- Intercylinder baffles - refurbished and painted - exchange
- Oil cooler:
- Engine mount - NE
- Remote mount - Flush, inspect, and reuse customer's serviceable core
- Balance - crankshaft and rod sets - exchange
- Throttle and control assembly - OHE
- Couplings - Throttle body to Intake manifold - new
- Couplings - Induction manifold - new
- Core Return Policy - See: [RAM OHE TCM TSIO-520 Engine Overhaul Specifications.](#)
- Also see: [RAM Value Option & 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

- Wastegate and actuator assembly - OHE
- Induction to turbo compressor duct - RAM - new
- Transition duct - new
- Turbo compressor to throttle body duct - RAM - new
- Primary fuel and oil hoses - *Teflon* with integral fire sleeve - new
- Baffle seal kit - RAM pre-cut *SureStand* RAM red silicone rubber - new
- Cooling shroud kit - for dry vacuum pump - new
- Engine oil - Break-in oil - new
- Turbocharger - OHE
- Turbo check valve - new
- Turbo controller - OHE
- Overboost relief valve - OHE
- Air Filter, one each primary - OHE

**RAM OHE Engine**  
**TCM TSIO-520-P or -AF: \$43,460**  
Shipped - exchange, or Custom Overhauled - exchange

## Additional Specifications

- **Exchange Core Policy:** Engine, crankcase, 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, exhaust risers and exhaust parts are not included unless specified by an optional purchase order and a RAM Work Order Supplement issued at the time of engine order placement.
- **Customer's Baffles:** RAM will refurbish and install the remainder of the customer's serviceable engine baffles and the new RAM *SureStand* baffle seal kit, if customer will ship them to RAM at least seven working days prior to engine shipment to customer. Price does not include replacement of missing or unrepairable baffles. Per engine: \$450
- **Please see:**
  - [RAM Value Options and Compliance Items.](#)
  - [RAM TSIO-520 Engine Overhaul Specifications with Exchange Engine Core Policy.](#)

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](http://www.ramaircraft.com)

