



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

IO-520-BB

Beech Bonanza 36/A36 (1968 - 1983)

Beech Bonanza F33 (1974 - 1994)

RAM OHE Continental IO-520-BB Engine

- Horsepower - 285 hp
- TBO - 1700 hrs.
- RAM New Steel Cylinders - NE
- Crankcase - Heavy w/ 7th studs - OHE
- Crankshaft - OHE
- Camshaft - RAM High Efficiency
- Starter and starter drive - OHE
[without freon compressor drive]
* see additional specifications
- Spark plugs - new
- Magneto Harness - Champion - new
- Magnetos - Champion Slick 6310 - OHE
or Bendix - OHE as required by serial
number of airplane
- Fuel Injection System - OHE
- Couplings - Induction manifold - new
- Intercylinder Baffles - refurbished and
painted - exchange
- Oil Cooler - Flushed and
inspected - exchange
- Oil Filter - new
- Balance - crankshaft
and rod sets - exchange
- Core Return Policy - See: RAM
Exchange Core Policy on Page 2
- 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

- Air Filter - RAM - new
- Baffle Seal Kit - RAM pre-cut *SureStand* red silicone rubber - new
- Throttle assembly - OHE
- Hose - manifold to throttle - new

RAM OHE Engine

CMI IO-520-BB: \$38,980

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, hoses, exhaust risers and exhaust parts are not included unless specified by an optional purchase order and a 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 the 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
- **Crankcase Upgrade:** RAM overhauls engines using only heavy crankcases. Upgrade light exchanged core crankcase to heavy crankcase. Ask your RAM Sales Consultant for current prices.
- **Crankshaft Upgrade:** RAM only uses large diameter VAR crankshafts. If the exchanged core crankshaft is not a large diameter VAR crankshaft additional upgrade charges apply. Ask your RAM Sales Consultant for current prices.
- **Customer - Discuss the following with your RAM Representative before ordering.**
 - **Aftermarket STCs:** Engine parts and accessories required by aftermarket STCs such as, but not limited to, turbo normalizing and fuel pump changes, are not included with a RAM OHE engine.
 - **Aftermarket STC Parts:** Substitution or addition of aftermarket parts is an additional charge. Please review with RAM prior to engine overhaul. Pre-shipment of aftermarket cores may be required. (unservicable pieces must be replaced)
 - **Fuel System:** To ensure selection of the proper fuel system, customer needs to specify the CMI engine specification number when placing an engine order.
- * **Starter Adapter:** Starter adapter with freon compressor drive - Add: \$1,500
- **Delco Remy 12 Volt Alternators:** If your aircraft is equipped with this alternator you may elect to re-use your alternator, or obtain one from another source for your installation and use. The Prestolite ALX9524 is available when installed per Beech Service Instructions No. 0184-241 Rev. 1. Ask your RAM Representative for details.

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

