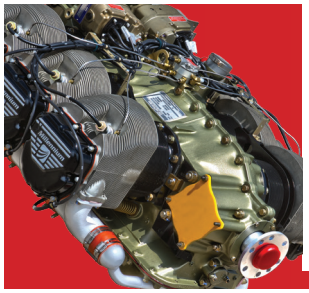


RAM AIRCRAFT, LP

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 • STCs

IO-520-CB - One replacement engine shipped to your Installer

Beech Baron 58 (1970 - 1983 TH -1 through TH -1395)

RAM OHE Continental IO-520-CB Engine

Specifications and installed items

- Horsepower - 285 hp
- TBO - 1700 hrs.

Standard Equipment

- Superior Millennium Cylinders - NE
- Camshaft - RAM High Efficiency - NE
- Magnetos - OHE
- Magneto harness - new
- Spark plugs - new
- Crankcase - heavy w/ 7th studs - OHE
- Crankshaft - OHE
- Starter and starter drive - OHE
- Fuel injection system - OHE
- Couplings - induction manifold - new
- Inter-cylinder baffles - refurbished and painted - exchange
- Oil filter - new
- Oil cooler: Flushed and inspected - exchange
- Balance - crankshaft and rod sets - exchange

Kit Components

Packaged Separately and Included

- Air filter - RAM - new
- Baffle seal kit - RAM pre-cut SureStand red silicone rubber - new
- Throttle assembly - OHE
- Hoses - intake manifold to throttle assembly - new
- Throttle gasket - new
- Spare accessory gasket set - new

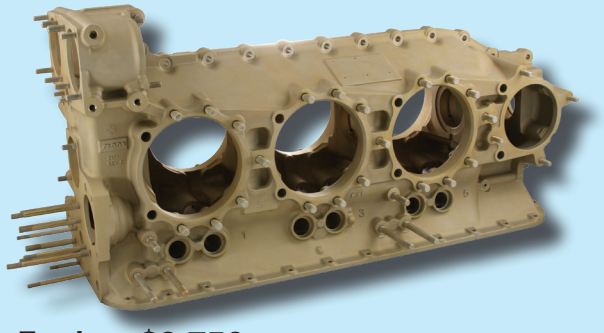
RAM OHE Engine

Continental IO-520-CB: $47,750

Shipped - exchange, or Custom Overhauled - exchange

Upgrade to a RAM PMA-New Crankcase

Includes PMA-New case studs and hardware.



Per Engine: $2,750

Definitions & Notes:

OHE = Overhauled Exchange
OEM = Original Equipment Manufacturer
PMA = Parts Manufacturer Approval
NE = New Exchange - OEM or PMA
New = New Outright - OEM or PMA
New Items = Subject to test time, ferry time and inventory time.
Core Return Policy - see: RAM Exchange Core Policy on Page 2.

 Product, Price, Specifications and Availability subject to change without notice.

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 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:** See RAM Specification Sheet SM139.
- **Items not included:** Vacuum pump, alternator, hoses, 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 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: $2,400 OEM style baffles only.
- **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.
  - **Fuel System:** To ensure selection of the proper fuel system, customer needs to specify the Continental engine specification number when placing an engine order.

Optional Parts & Engine Installation Items Recommended during Engine Overhaul

- **100/150 amp Alternator Package:**
  Plane Power C28-150 with nut, thrust washer (658715), cotter key, and alternator drive hub (646655).
  When purchased with an engine RAM will install the drive hub on the alternator for no additional labor cost: $3,839 each - Exchange
- **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 on your alternator options.

- Primary fuel and oil hose kit: Per engine - new: $1,157
- Exhaust riser assembly: S/S - engine set: (with EGT bung) - new: $2,800 (without EGT bung) - new: $2,688
- Engine shock mounts: Engine set of (4) - new: $1,392
- **Cylinder Upgrade Options:**
  - Upgrade steel cylinders to ACA nickel: $2,400 per engine.
  - Ask your RAM Representative for current market prices for Continental cylinders.

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